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1297

# OLDS'

42<sup>nd</sup>  
Year

OLD'S CATALOG  
TELLS THE TRUTH

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## 1929 Catalog of FIELD and GARDEN SEEDS

BULBS • PLANTS • SEED POTATOES  
GARDEN TOOLS • INSECTICIDES • POULTRY SUPPLIES

Larkspur  
LA FRANCE  
(SEE PAGE 63)

Petunia  
CARNATION  
FLOWERED  
(SEE PAGE 63)

Astoria

Zinnia  
DAHLIA FLOWERED  
CRIMSON MONARCH  
(SEE PAGE 72)

Calendula  
CAMPFIRE  
(SEE PAGE 63)

L.L. OLDS SEED CO. — MADISON WISCONSIN



# OLDS' GLADIOLI



Crimson Glow

American Beauty

Rose Ash Golden Measure

Purple Glory

Mrs. Leon Douglas

SEE PAGE 74 FOR PRICES AND DESCRIPTIONS



# PERSONAL GREETING

Madison, Wis., January 1, 1929.

DEAR FRIENDS:

We greet you at the beginning of another year with a word of appreciation for your patronage in the past and with the hope that our relations for the future may continue to be mutually pleasant and profitable. Unless our business transactions are profitable to both of us, buyer as well as seller, the relations will not be entirely satisfactory.

**High Quality Seeds.** We are greatly concerned about maintaining our reputation for having the very best seeds obtainable, the highest in purity, in germination and in producing power and that is the kind we take pride in. We aim also to make prices just as low as is consistent with high quality and good service and believe we are succeeding in that direction.

**"Olds' Catalog Tells the Truth."** This has been our slogan for many years. The catalog is written with great care. We hope our customers will find it a valuable guide and that the information given will prove reliable and stimulating.

Write us whenever we can be of any help to you and do not fail to let us have your orders. Yours for a successful year in 1929,

L. L. OLDS SEED COMPANY

L. L. OLDS, President and General Manager.

PETER P. CARR, Secretary and Assistant Manager.

L. L. Olds

Peter P. Carr

## INSTRUCTIONS FOR ORDERING.

**PLEASE USE ORDER SHEET** found in the catalog and retain a copy of your order. If you have occasion later on to write us about it give post office address under which it was mailed or number of the order.

**WE ACKNOWLEDGE ORDERS** when received unless some part is to be sent at once. If any part of the order is mailed right out that answers as an acknowledgment or if goods can be sent at once by freight or express we get them right out, sending acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

**WE SEND LARGE SHIPMENTS BY FREIGHT** unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, C. & N. W., C. M. St. P. & P., and I. C.

**CUSTOMERS PAY TRANSPORTATION CHARGES** on all goods unless offered postpaid. Garden seed prices in small quantities are postpaid prices, but prices on field seeds and side lines do not include postage unless so stated. There are special express rates on seeds, in the main, 25 per cent less than the merchandise rates.

**ORDER EARLY.** Do this for two reasons. We can give your orders more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

## OUR THREEFOLD GUARANTEE.

1. **QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Goods may be returned if not satisfactory.

2. **SAFE ARRIVAL.** We guarantee everything to arrive in good order. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

3. **RECEIPT OF MONEY.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will accept personal checks at face value. They look good to us. Small amounts, less than \$1.00, may usually be sent safely in postage stamps or coin.

## PRICE CHANGES.

We reserve the right to change the prices of Field Seeds if necessary after February 1st. Beginning with that date we issue **Weekly Price Lists** of Field Seeds giving the prices in effect each week. These price lists are furnished on application and enclosed in catalogs mailed after February 1st. The prices on Garden Seeds and on Side Lines, with just a few exceptions, will remain throughout the season as given in the catalog and we do not expect there will be many changes in the Field Seed prices but there are sure to be some.

## FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1929.

Per 100 Lbs., Less than Car Lots, to Points Named Below.

(Clovers, Grass Seeds, Garden Seeds and Potatoes go as third class; Grain, Corn, Poultry Food, etc., fourth class.)

		3rd.		4th.		3rd.		4th.		3rd.		4th.	
Antigo, Wis.	.....	\$0.48	1/2	\$0.36	1/2	Aurora, Ill.	.....	.40	3/8	Bismarck, N. D.	.....	1.63	1.19
Ashland, Wis.	.....	.52	1/2	.38	1/2	Cammonville, Ill.	.....	.49	3/8	Chicago, N. D.	.....	.91	.61
Baraboo, Wis.	.....	.22	1/2	.16	1/2	Champaign, Ill.	.....	.53	3/8	Grand Forks, N. D.	.....	1.29	1.01
Beloit, Wis.	.....	.24	1/2	.17	1/2	Chicago, Ill.	.....	.40	3/8	Beatrice, Neb.	.....	.92	.69
Clinton Jc., Wis.	.....	.25	1/2	.19	1/2	Decatur, Ill.	.....	.52	3/8	Fremont, Neb.	.....	.92	.67
Dodgeville, Wis.	.....	.24	1/2	.17	1/2	Elgin, Ill.	.....	.38	28	Hastings, Neb.	.....	1.27	.95
Eau Claire, Wis.	.....	.45	1/2	.34	1/2	Freeport, Ill.	.....	.32	24	Lincoln, Neb.	.....	.92	.67
Evansville, Wis.	.....	.31	1/2	.23	1/2	Gresham, Ill.	.....	.47	3/8	Omaha, Neb.	.....	.84	.60
Fond du Lac, Wis.	.....	.31	1/2	.23	1/2	Jacksonville, Ill.	.....	.55	41	Kansas City, Mo.	.....	.84	.60
Green Bay, Wis.	.....	.41	1/2	.31	1/2	Joliet, Ill.	.....	.40	30	St. Joseph, Mo.	.....	.84	.60
Janesville, Wis.	.....	.22	1/2	.16	1/2	La Salle, Ill.	.....	.42	32	St. Louis, Mo.	.....	.59	.44
Jefferson, Wis.	.....	.22	1/2	.16	1/2	Peoria, Ill.	.....	.48	36	Springfield, Mo.	.....	1.15	.80
La Crosse, Wis.	.....	.38	1/2	.28	1/2	Quincy, Ill.	.....	.56	40	Elkhart, Ind.	.....	.69	.50
Lake Geneva, Wis.	.....	.36	1/2	.27	1/2	Rockford, Ill.	.....	.33	25	Fort Wayne, Ind.	.....	.72	.53
Lake Mills, Wis.	.....	.20	1/2	.15	1/2	Rock Island, Ill.	.....	.42	32	Indianapolis, Ind.	.....	.76	.56
Lodi, Wis.	.....	.18	1/2	.15	1/2	Springfield, Ill.	.....	.53	39	South Bend, Ind.	.....	.66	.49
Lone Rock, Wis.	.....	.23	1/2	.17	1/2	Woodstock, Ill.	.....	.35	26	Terre Haute, Ind.	.....	.75	.56
Mauston, Wis.	.....	.28	1/2	.21	1/2	Cedar Rapids, Ia.	.....	.47	30	Cleveland, Ohio	.....	.85	.63
Mazomanie, Wis.	.....	.19	1/2	.15	1/2	Clinton, Ia.	.....	.40	30	Columbus, Ohio	.....	.84	.62
Middleton, Wis.	.....	.17	1/2	.15	1/2	Davenport, Ia.	.....	.40	31	Dayton, Ohio	.....	.82	.60
Milwaukee, Wis.	.....	.30	1/2	.22	1/2	Des Moines, Ia.	.....	.55	41	Toledo, Ohio	.....	.80	.59
Monroe, Wis.	.....	.27	1/2	.20	1/2	Dubuque, Ia.	.....	.41	31	Detroit, Mich.	.....	.80	.60
Mt. Haire, Wis.	.....	.19	1/2	.15	1/2	Marshalltown, Ia.	.....	.53	39	Grand Rapids, Mich.	.....	.73	.54
Platteville, Wis.	.....	.22	1/2	.16	1/2	Ottumwa, Ia.	.....	.50	38	Kalamazoo, Mich.	.....	.72	.53
Portage, Wis.	.....	.22	1/2	.16	1/2	Sioux City, Ia.	.....	.84	60	Lansing, Mich.	.....	.80	.59
Racine, Wis.	.....	.33	1/2	.25	1/2	Waterloo, Ia.	.....	.52	38	Port Huron, Mich.	.....	.84	.61
Reedsburg, Wis.	.....	.25	1/2	.19	1/2	Duluth, Minn.	.....	.74	53	Saginaw, Mich.	.....	.81	.59
Sparta, Wis.	.....	.34	1/2	.25	1/2	Faribault, Minn.	.....	.68	49	Marquette, Mich.	.....	.61	.43
Stevens Point, Wis.	.....	.40	1/2	.30	1/2	St. Cloud, Minn.	.....	.82	59	Atchafalaya, Kans.	.....	.84	.60
Stoughton, Wis.	.....	.17	1/2	.15	1/2	St. Paul, Minn.	.....	.68	49	Topeka, Kans.	.....	1.20	.95
Sun Prairie, Wis.	.....	.17	1/2	.15	1/2	Winona, Minn.	.....	.50	37	Wichita, Kans.	.....	1.35	1.06
Watertown, Wis.	.....	.22	1/2	.16	1/2	Mitchell, S. D.	.....	.97	69	Fort Smith, Ark.	.....	1.48	1.17
Waukesha, Wis.	.....	.26	1/2	.20	1/2	Sioux Falls, S. D.	.....	.90	64	Little Rock, Ark.	.....	1.37	1.07
Wausau, Wis.	.....	.43	1/2	.33	1/2	Yankton, S. D.	.....	.90	64	Muskogee, Okla.	.....	1.51	1.19

## PARCEL POST RATES.

1st and 2nd Zones (up to 150 miles from Madison) 7c for the first pound, 1c for each additional pound.

3rd Zone (151 to 300 miles from Madison) 8c for the first pound, 2c for each additional pound.

4th Zone (301 to 600 miles from Madison) 9c for the first pound, 4c for each additional pound.

5th Zone (601 to 1,000 miles from Madison) 10c for the first pound, 6c for each additional pound.

6th Zone (1,001 to 1,400 miles from Madison) 11c for the first pound, 8c for each additional pound.

7th Zone (1,401 to 1,800 miles from Madison) 13c for the first pound, 10c for each additional pound.

8th Zone (over 1,800 miles from Madison) 14c for the first pound, 12c for each additional pound.

Packages must not exceed 70 pounds in weight for the first three zones, and 50 pounds for all other zones.



# OLDS' CLOVER SEED.



A Beautiful Field of Clean, Pure Red Clover Such as We Secure Seed From

## OLDS' NORTHERN GROWN CLOVER SEED

**OUR HIGH TESTING RECLEANED CLOVER SEED HAS AN ENVIABLE REPUTATION.** It is the best obtainable. We are careful in buying to secure only seed that is free from dodder and buckhorn and all other noxious weeds and also seed that is plump and bright and well developed. We have the best up-to-date cleaning machinery and see to it that all the seed we send out is thoroughly recleaned.

**BUY CLOVER SEED EARLY.** The available supply is at least a third less than last year. The Wisconsin Department of Agriculture says: "There is less red clover than for many years." The farm papers are all urging early buying. The price will not be any lower and is likely to be much higher. In fact there will probably not be enough domestic grown clover seed to supply the demand. Considerable European grown seed is coming into this country, but it is not adapted to our conditions and should not be sown by the farmers of the Middle West. We do not handle foreign seed at all. Our best seed this year is from Minnesota. The Wisconsin seed was not so good the past season.

**BEST SEEDS FROM WHOLESALEERS.** Wisconsin Bulletin No. 93, Nov., 1928, says: "Seed distributed by reliable wholesalers is, as the report shows, usually true to label and of high quality. The poorest seed found on sale in Wisconsin the past few years has largely been that furnished by farmers themselves to retail dealers to be resold by them. Few farmers and not many retailers have facilities for proper cleaning of farm seeds. Many seeds of our worst weeds are difficult to separate from crop seeds, and it is readily seen that improperly cleaned seed is a large factor in the spread of weeds. Farmer to farmer distribution of seed is also to be discouraged unless there are facilities for cleaning and tests are made on lots offered for sale."

**CLOVER PRICES NOT UNREASONABLE.** Our catalog prices of Medium Red Clover at this time are only \$2.00 per hundred pounds higher than the catalog prices last year and only 50 cents higher than our average for the last four years. Prices are low considering conditions. There is really no good reason why a lot of seeding should not be done this year, if the seed can be obtained.

### PRICES OF MEDIUM RED CLOVER

Old Gold Brand—By mail: Lb., 55c. By freight: Lb., 50c; ½ pk., \$3.10; pk., \$6.00; bu. (60 lbs.), \$22.90; 100 lbs., \$38.00; 500 lbs. at \$37.50. Bags extra at 35c.  
Lakes Brand: Pk., \$5.85; bu., \$22.30; 100 lbs., \$37.00; 500 lbs. at \$36.50. Bags extra.  
(Our Old Gold Brand represents the best. Superb Brand, which we have formerly offered, was Idaho grown, a little nicer in appearance, very bright, but really no better than Old Gold.)

### MAMMOTH CLOVER.

Resembles Medium but larger. Best for pasture and fertilizer. Our stock is all Wisconsin and Minnesota grown. Prices, Old Gold Brand—By mail: Lb., 55c. By freight: Lb., 50c; ½ pk., \$3.20; pk., \$6.15; bu., \$23.50; 100 lbs., \$39.00; 500 lbs. at \$38.50. Bags extra.  
Lakes Brand: Pk., \$6.00; bu., \$22.90; 100 lbs., \$38.00; 500 lbs. at \$37.50. Bags extra.

### ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding. Our seed is mostly Wisconsin and Minnesota grown.  
Prices, by mail—Old Gold Brand: Lb., 55c. By freight: Lb., 50c; ½ pk., \$3.20; pk., \$6.15; bu. (60 lbs.), \$23.50; 100 lbs., \$39.00; 500 lbs. at \$38.50. Bags extra at 35c.  
Lakes Brand. Contains 3 to 8 per cent White Dutch Clover and Timothy. Excellent for pasture. Pk., \$5.85; bu., \$22.30; 100 lbs., \$37.00; 500 lbs. at \$36.50.

**WHITE DUTCH CLOVER.** Very fine for lawns. Our seed is all Wisconsin grown.  
Prices, by mail—Old Gold Brand: Lb., 55c; 3 lbs., \$1.50. By freight: Lb., 50c; ½ pk., \$3.00; pk., \$5.75; bu. (60 lbs.), \$21.10; 100 lbs., \$35.00.  
Lakes Brand: Pk., \$5.00; bu., \$18.10; 100 lbs., \$30.00.

**Note:** Prices named here are good until Feb. 1st only. After that ask for our "Weekly Price List." Samples giving purity and germination tests, free on request. Bags extra at 35c.



# SWEET CLOVER.

## THE GREAT SOIL BUILDER, PASTURE AND HAY CROP.

"Sweet Clover has an important place in the livestock agriculture of Wisconsin."—Wisconsin Bulletin No. 178.

### REASONS FOR SWEET CLOVER'S VALUE:

**First—Easily Grown.** It grows readily on most all soils and good stands can often be secured where Red Clover and Alfalfa fail entirely.

**Second—Prepares for Alfalfa.** It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

**Third—A Great Pasture Crop.** It can be pastured while alfalfa cannot. Leading farmers everywhere are very enthusiastic now over sweet clover as a pasture crop. Cows on Sweet Clover give a splendid flow of milk. It makes more feed per acre than the common permanent pastures.

**Fourth—Wonderful Soil Builder.** It is a better soil builder than either red clover or alfalfa because it grows faster and larger and the roots penetrate deeper into the soil.

**Fifth—Great Drouth Resister.** Owing to its long root system it produces a most abundant and succulent growth during the dry season. It will generally pasture a thousand-pound cow or steer an acre from four to six months.

**Sixth—Good Hay Crop.** It produces valuable hay, almost equal in value to alfalfa hay and all stock learn to like it. **CULTURE.** Sweet clover is best sown in the spring with one bushel of extra early oats per acre as nurse crop.

Sweet Clover can also be sown successfully in June or July without a nurse crop, but spring sowing is preferable. **Fifteen Pounds of Seed per Acre** is usually sufficient, a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing. Use lime if your soil is sour. Be sure to have a good seed bed. Most any well-drained soil is all right for Sweet Clover and you will be pleased with the crop if you do your part in putting it in and handling it right. Ask for Wisconsin Bulletin No. 178, "How to Grow Sweet Clover."

**PRICES WILL BE HIGHER.** The Sweet Clover Seed crop the past season promised to be very large but was cut short by frosts, rains and winds so that there is not near as much seed available as last year. Prices are very low right now, only 50 cents per hundred pounds above last year's low record, but the prices are due to advance. All our seed is scarified.

### VARIETIES OF SWEET CLOVER. COMMON WHITE BLOSSOM.

The best probably for pasture and for soil building and the most largely sown for all purposes.

**Prices—Old Gold Brand—By mail:** Lb., 30c. By freight: Lb., 25c; ½ pk., 95c; pk., \$1.75; bu. (60 lbs.), \$6.40; 100 lbs., \$10.50; 500 lbs., at \$10.25. Bags extra at 35c.

**Lakes Brand:** Pk., \$1.65; bu., \$6.10; 100 lbs., \$10.00; 500 lbs. or over at \$9.75. Bags extra.

(Our "Old Gold Brand" is our best grade and really corresponds to our Superb Brand of last year. It is very fine North Dakota grown seed showing unusually high tests.)

### GRUNDY COUNTY WHITE BLOSSOM.

This is the famous dwarf strain of Sweet Clover originated in Grundy County, Illinois. It is much better for hay than the Common White Blossom because it is finer and more leafy, also because more easily handled on account of its dwarf growth.

We have a splendid large stock of beautiful Grundy County seed. For pasture and for fertilizer it is we think just as good as the Common and for hay it is very much superior.

**Prices—Old Gold Brand—By mail:** Lb., 30c. By freight: Lb., 25c; ½ pk., \$1.00; pk., \$1.80; bu., \$6.55; 100 lbs., \$10.75; 500 lbs., at \$10.50. Bags extra.

**Lakes Brand:** Pk., \$1.75; bu., \$6.40; 100 lbs., \$10.50.

### YELLOW BLOSSOM BIENNIAL.

This is the large strain of Yellow Sweet Clover, biennial the same as the Common White. Some say it is better for pasture than the White because it stays green longer.

**Prices—Old Gold Brand:** ½ pk., \$1.00; pk., \$1.85; bu., \$6.70; 100 lbs., \$11.00; 500 lbs. at \$10.75.

### ALBOTREA YELLOW BLOSSOM.

Alborea is a new strain of Dwarf Yellow Blossom Sweet Clover originated in Canada. Alborea has been grown several seasons on the Wisconsin Experiment Station Farm and they think very highly of it there. They say it is much to be preferred to the regular Biennial White Blossom and they like it better than Grundy County as it gives higher yields, both of hay and seed.

**Prices—By mail:** Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; ½ pk., \$1.90; pk., \$3.50; bu., \$12.25; 100 lbs., \$20.00.

### HUBAM. (The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year.

**Prices—By mail:** Lb., 45c. By freight: Lb., 40c; ½ pk., \$2.50; pk., \$4.90; bu., \$18.15; 100 lbs., \$30.00.

**NOTE:** Sweet Clover prices are good until Feb. 1st only. Ask for "Weekly Price List" after that date. Samples free.



Grazing Sweet Clover in Dry Season

(From Wisconsin Bulletin No. 178)



Sweet Clover Makes Taller Growth in Second Crop Than Alfalfa

(From Wisconsin Bulletin No. 178)

### SOILTEx.

#### TEST FOR ACID SOIL.

Soiltex is a new, quick, easy and accurate soil testing method, developed at the Michigan Agricultural College, whereby you can determine exactly in a few minutes whether or not your soil is acid and how much lime it needs.

Many farms fail to grow alfalfa and sweet clover successfully, and other crops as well, because needing lime.

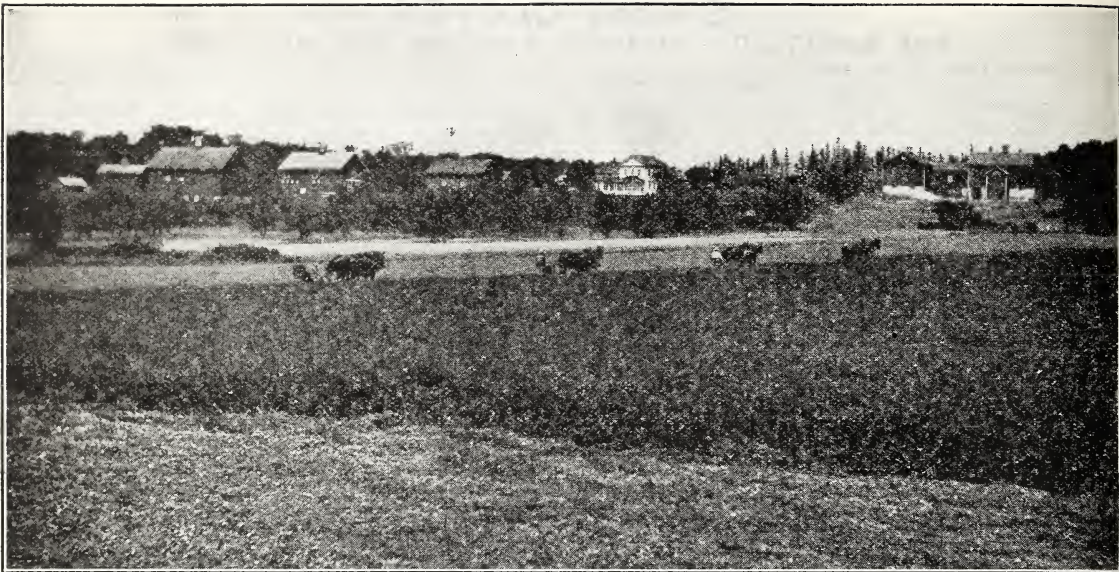
Test your soil yourself with Soiltex and learn exactly what it needs.

Each outfit will make 75 to 100 tests. Full directions, color chart and lime table included. No special knowledge required. Costs less than 2 cents per sample tested.



Price, \$1.00 postpaid.





107 Acres Alfalfa on Farm of Swartz Bros., Waukesha County, Wis., That Yielded 535 Tons of Splendid Hay.

## OLDS' FANCY ALFALFA SEED



We make a specialty of Fancy, High-Grade Alfalfa Seed, handling many carloads every year. We secure the best seed obtainable, the purest and hardiest. Our seed can be fully relied on.

**VERIFIED ORIGIN.** "Verified Origin" means that a Government tag will appear on every bag verifying the statement as to the locality where the seed was grown. All the alfalfa seed we send out this year will be either "U. S. Verified Origin Seed," or State Sealed and Certified Seed.

**Alfalfa Seed Crop Only Half As Large as Last Year.** The latest Government report indicates that there is not over 50 per cent as much alfalfa seed as last year the country over. This means of course, necessarily higher prices with a strong probability that there will be no seed left by sowing time. We urge customers to order early.

### HARDY MONTANA ALFALFA

Montana Alfalfa has for some years had the reputation of being the hardiest of all strains of common alfalfa. The crop the past season was not large but better than in most states. We have a fairly good stock of very fine seed. It is all in 60-pound bags. **State Sealed and State Certified.**

**Prices—By mail:** Lb., 55c. **By freight:** Lb., 50c; ½ pk., \$2.90; pk., \$5.50; bu., \$21.10; 100 lbs., \$35.00; 500 lbs. at \$34.50. 60-pound sacks extra at 20c.

### HARDY DAKOTA ALFALFA No. 12

Crop in Dakota very short, in fact almost a complete failure. What little seed we have is very fine, plump and bright, and all "Verified Origin" seed. Put up in 60s and 150s.

**Prices—By mail:** Lb., 55c. **By freight:** Lb., 50c; ½ pk., \$3.00; pk., \$5.65; bu., \$21.70; 100 lbs., \$36.00; 500 lbs. or over at \$35.50. Bags extra, 60s at 20c, 150s at 35c.

### FANCY IDAHO ALFALFA

Idaho Grown Alfalfa Seed is proving hardy in the North and the seed is considerably lower in price than Montana and Dakota seed. Unfortunately the crop in Idaho was very short, only about 25 per cent of last year. What seed we have is beautiful, bright, high testing seed. It is all "Verified Origin" seed.

**Prices—By mail:** Lb., 50c. **By freight:** Lb., 45c; ½ pk., \$2.60; pk., \$5.00; bu., \$19.00; 100 lbs., \$31.50.

### FANCY UTAH ALFALFA

Utah is the big alfalfa seed producing state. In fact Utah grows about as much seed as all other states combined. This year the supply will be very short of the demand as the total crop in Utah was only 5,000,000 pounds as compared with 14,000,000 last year. All the seed we offer is "Verified Origin" seed.

**Prices—By mail:** Lb., 50c. **By freight:** Lb., 45c; ½ pk., \$2.50; pk., \$4.85; bu., \$18.50; 100 lbs., \$30.50.

Ask for a copy of Wisconsin Bulletin No. 374, "Wisconsin's Opportunity with Alfalfa."

## INOCULATE WITH NITRAGIN

Alfalfa, Sweet Clover, All Clovers, Soy Beans, Vetch, Peas, Beans, and all other legumes should always be inoculated. The lack of necessary bacteria in the soil is often the cause of a poor crop or a total failure.

### PRICES OF NITRAGIN.

For all legumes except Soy Beans, Garden Peas and Beans:

¼ bu. size, inoculates 15 lbs. seed, 40c; by mail, 45c.

½ bu. size, inoculates 30 lbs. seed, 60c; by mail, 65c.

1 bu. size, inoculates 60 lbs. seed, \$1.00; by mail, \$1.05.

5 bu. size, inoculates 300 lbs. seed, \$4.75; by mail, \$4.95.

**Important:** When ordering always name the seed you wish to inoculate.

The same can be used for Alfalfa and Sweet Clover.

### PRICES GREATLY REDUCED FOR SOY BEANS.

½ bu. size, inoculates 30 lbs. Soy Beans, 40c; by mail, 45c.

1 bu. size, inoculates 60 lbs. Soy Beans, 70c; by mail, 75c.

5 bu. size, inoculates 300 lbs., \$2.50; by mail, \$2.70.

### NITRAGIN FOR PEAS, SWEET PEAS AND BEANS.

Garden size combination package, 20c; by mail, 22c.

Inoculates up to 3 pounds of seed.



"NITRAGIN" has served the American farmer since 1898—over 30 years. The GERM COUNT plus the DATE on cover of every "NITRAGIN" can guarantee a liberal supply of fresh legume germs, and profitable results. "NITRAGIN" is easy to mix with seed.





# GRIMM, THE EXTRA HARDY ALFALFA

Grimm Alfalfa is the hardest of all alfalfa. The seed costs more, but it pays to use it to insure against winter killing when the unfavorable season comes.

Grimm may usually, not always, be distinguished from Common Alfalfa—

First, by the fact that the blossoms are variegated in color, yellow, green, blue, brown, instead of all purple.

Second, by its branching root system instead of the long, straight tap root of the common alfalfa.

The important thing in buying Grimm Alfalfa is to make sure that it is genuine Grimm and no doubt considerable seed has been sold for Grimm in the past that was not Grimm.

If you decide to sow Common Alfalfa instead of Grimm make sure it is Northern Grown. Do not under any circumstances use foreign seed or unidentified seed.



Sow Grimm Seed and Have an Even, Thick Stand Like This. (From "Wisconsin's Opportunity with Alfalfa," Bulletin No. 374.)

## BLACKFOOT IDAHO GRIMM

The Blackfoot Brand of Grimm Alfalfa is a specially choice strain of Grimm grown by an Association of Idaho Farmers who have absolutely genuine seed and who have all their fields inspected and the seed certified and sealed by the State Seed Analyst. These growers can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota. The seed is thoroughly cleaned and scarified and put up in sealed bags, 30 and 60 pounds each, and sold as "Idaho State Certified Grimm Alfalfa, Blackfoot Brand," guaranteed absolutely free of dodder and all other noxious weeds.

We believe this "Blackfoot Grimm" is the purest and best strain of Grimm on the market and it is absolutely reliable. Remember, the state of Idaho is back of this seed and guarantees its genuineness. The state where the seed is grown is not so important so long as it is northern grown, but the genuineness of the seed is the essential thing.

All the Blackfoot Grimm we have to offer this year is of "Grade No. 1" or "Red Tag." There will be no "Blue Tag" available at all as the growers decided to put what little Blue Tag quality there was in with the Red Tag. The "Red Tag" Grade however, is very fine seed, guaranteed not less than 99 per cent pure and free from dodder and all other noxious weeds. Get your order in early as there was only 25 per cent of a crop of Blackfoot altogether.

### PRICES OF BLACKFOOT GRIMM.

Grade No. 1 or Red Tag. By mail: Lb., 70c. By freight: Lb., 65c; ½ pk., \$4.25; pk., \$8.35; bu., \$31.90; 100 lbs., \$53.00; 500 lbs. at \$52.50. Sacks free if shipped in original 30 or 60 pound sacks. Otherwise bags extra.

## IDAHO STATE CERTIFIED GRIMM

We have another stock of very fine Grimm Alfalfa to offer that is also Idaho grown. This stock we call simply "Idaho State Certified Grimm." It does not have quite the reputation that the Blackfoot Grimm has and it is a little lower in price but is nearly if not quite as good. It is "State Certified," put up in sealed 60-pound bags. Our stock is the "Red Tag" Grade and just as high in purity as the Red Tag Blackfoot.

Prices: By mail: Lb., 65c. By freight: Lb., 60c; ½ pk., \$3.90; pk., \$7.65; bu., \$29.50; 100 lbs., \$49.00; 500 lbs. at \$48.50. Sacks free if shipped in original 60 pound sacks. Otherwise bags extra.

## MONTANA STATE CERTIFIED GRIMM.

In addition to our Blackfoot and Certified Idaho Grimm, we have this year one car only of genuine Montana Grown Grimm. The seed is in 60-pound bags, "State Certified and State Sealed." We have both "Blue Tag" Seed, testing 99.5 per cent purity and "Red Tag" Seed, testing 99 per cent, in this lot. Order early sure, as this car will not last long.

### PRICES OF MONTANA CERTIFIED GRIMM.

"Red Tag." By mail: Lb., 65c. By freight: Lb., 60c; ½ pk., \$4.00; pk., \$7.85; bu., \$30.10; 100 lbs., \$50.00; 500 lbs. at \$49.50. Sacks free if in original sacks. Otherwise bags extra.

"Blue Tag." By mail: Lb., 70c. By freight: Lb., 65c; ½ pk., \$4.15; pk., \$8.10; bu., \$31.30; 100 lbs., \$52.00; 500 lbs. at \$51.50. Sacks free if in original sacks.

### CANADIAN VARIEGATED ALFALFA. Crop a failure.

Buy Certified Grimm Only. This year when the Grimm Alfalfa crop was so very short in all the seed producing states and prices so high the temptation is strong to sow "Affidavit" Grimm or "So-called" Grimm because cheaper. Do not do it. When the price is so high be sure to get the genuine. Don't take chances. Order early before the seed is all gone.

## OLD GOLD INOCULATION

### A PURE CULTURE JELLY FORM OF INOCULATION.

We have handled Nitragin for many years and it seems to have given entire satisfaction. We have it again this year. See preceding page. As some prefer the jelly form of culture, however, we offer it that way, calling it "Old Gold Inoculation." It costs less than Nitragin.

Old Gold Inoculation is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of bacteria to inoculate the quantity of seed marked on the bottle. The cost per acre is very small.

Old Gold Inoculation is the easiest inoculation to use, requiring no equipment, or experience. Takes only a few minutes. Complete directions on every bottle. Results are sure.

### PRICES OF OLD GOLD INOCULATION. (Reduced for 1929).

For Alfalfa, Sweet Clover, Red Clover and other Clovers (specify which): ½ bu. size, 50c; by mail, 55c; 1 bu. size 75c; by mail, 80c. (Same culture is used for Alfalfa and Sweet Clover.)

For Soy Beans, Field Peas and Vetches (specify which): 1 bu. size, 50c; by mail, 55c; 5 bu. size, \$1.50; by mail, \$1.70.

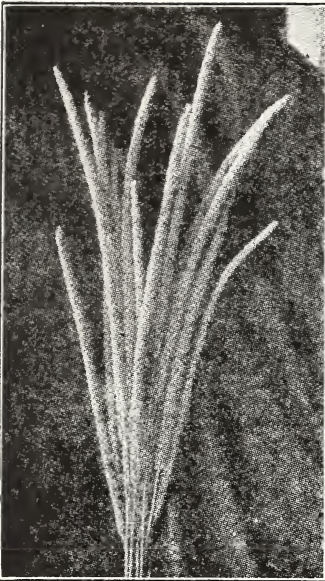
(Always specify name of crop as well as size of culture wanted.)

For Garden Peas, Sweet Peas and Garden Beans combined: Garden size, 20c; by mail, 22c.





## OLDS' HIGH GRADE TIMOTHY



Olds' High Grade Timothy  
Grows Long Heads.



Recleaned High Grade Timothy Seed is one of our specialties. We sell many carloads every year. Prices this year are somewhat higher than last year, but are still low, lower than the average prices for the last six years. Timothy is due for an advance, however, as the crop was rather short and there is no surplus.

Prices, Old Gold Brand, by mail: Lb., 25c. By freight: Lb., 20c; 1/2 pk., 55c; pk., \$1.00; bu. (45 lbs.), \$3.65; 100 lbs., \$8.00; 500 lbs. at \$7.85. Bags extra at 35c.

Lakes Brand: Bu., \$3.55; 100 lbs., \$7.75; 500 lbs. at \$7.60. Bags extra.

(Our 'Old Gold Brand' represents the best grade of seed with high tests.)

**TIMOTHY AND ALSIKE MIXED.** (1-5 Alsike): Pk., \$1.70; bu. (45 lbs.), \$6.25; 100 lbs., \$13.50; 500 lbs. at \$13.25.

Timothy prices are good until Feb. 1st only. Ask for 'Weekly Price List' after that.

### OLDS' FANCY RED TOP.

**RED TOP** is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. Red Top is higher than last year but still very reasonable in price.

**Fancy Solid Seed.** (Recleaned, free from chaff.) By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$20.00; 500 lbs. at \$19.50. Bags extra at 35c.

**Unhulled Red Top.** By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$15.00.

### LIGHT GRASSES.

Prices of all the following grasses include sacks. While prices may change in some instances they will probably stand as given here for the season. Ask for special prices in large quantities. We handle only the best grades.

**KENTUCKY BLUE GRASS (Fancy).** Also known as June Grass. Well suited for pasture, and the standard lawn grass. Prices are higher than last year owing to short crop.

**Old Gold Brand (21 pound seed)**—By mail: Lb., 55c; 3 lbs., \$1.50. By freight: Lb., 50c; 10 lbs., \$4.00; 100 lbs., \$36.00.

**Lakes Brand (19 pound seed):** 10 lbs., \$3.85; 100 lbs., \$34.50.

**ENGLISH or PERENNIAL RYE GRASS.** The Timothy of England. Does well also in this country. Good for both pastures and meadows. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$16.00.

**ITALIAN RYE GRASS.** Similar to the preceding but larger and stronger in growth. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.85; 100 lbs., \$15.50.

**PACEY'S RYE GRASS.** Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$17.00.

**AMERICAN RYE GRASS.** Grown in the state of Washington. Much cheaper than the European grown rye grass. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$11.00.

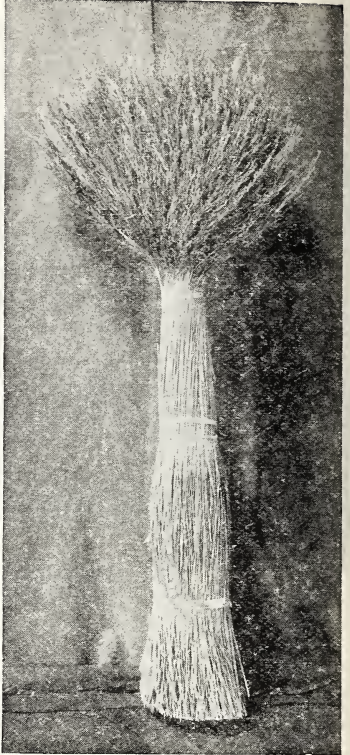
**BROME GRASS (Bromus Inermis).** Yields enormous quantities of hay. Defies drouth, and not affected by frost. Splendid for a permanent grass. By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$13.00; 500 lbs. at \$12.50.

**ORCHARD GRASS.** Withstands drouth and will grow in the shade. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$22.00; 500 lbs., at \$21.50.

**CREEPING BENT.** Genuine mixed Bent Grass from South Germany. Much sought after for golf courses. Lb., \$1.00; 10 lbs., \$9.00; 100 lbs., \$75.00.

**CHEWINGS' FESCUE.** A very fine pure strain of Fescue, selected by a man named Chewings. Grown in New Zealand. By freight: Lb., 45c; 10 lbs., \$4.00; 100 lbs., \$35.00.

**ROUGH STALKED MEADOW.** By freight: Lb., 50c; 10 lbs., \$4.50; 100 lbs., \$42.00.



Olds' Fancy Red Top.



Bromus Inermis.

**TALL MEADOW OAT GRASS.** For dry soils. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$22.00.

### OLDS' PASTURE MIXTURE.

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Blue Grass and others.

By freight: Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$18.00; 500 lbs. at \$17.50.

### OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out.

By freight: Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$17.00; 500 lbs. at \$16.50.



Olds' Meadow Mixture.





A Very Satisfactory and Pleasing Lawn and Yard  
(Courtesy Better Homes and Gardens)

## OLDS' LAWN GRASS.

Olds' Lawn Grass has won a reputation. We offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

**CULTURE.** Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared. Use "Vigoro" for fertilizer or Pulverized Sheep Manure or Bone Meal. Every lawn, new or old, needs fertilizer. Many lawns need lime also. See page 92.

**"THE BEAUTIFUL LAWN,"** a 20-page illustrated book by Profs. Moore and Aust of the University of Wisconsin. Part I, "Making the Lawn," covers the matters of soil, seed, methods of seeding, etc. Part II, "Care of the Lawn," takes up mowing, fertilizing, weeds and their control, etc. Price, 10c postpaid, or free on request with every lawn grass order.

## OLDS' MADISON PARKS LAWN GRASS.

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 60c; 3 lbs., \$1.70. By freight: Lb., 55c; 5 lbs., \$2.50; 10 lbs., \$4.50; 100 lbs., \$40.00.

## OLDS' CAPITAL LAWN GRASS.

Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent Capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover. We recommend it as satisfactory for all ordinary locations.

By mail: Lb., 55c; 3 lbs., \$1.55. By freight: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$35.00.

## OLDS' OLD GOLD LAWN GRASS.

Olds' Old Gold Lawn Grass is a good mixture at a low price. We have been making it for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than any of the others.

45c; 5 lbs., \$2.00; 10 lbs., \$3.50; 100 lbs., \$30.00.

## OLDS' SHADY PLACE LAWN GRASS.

For sowing under large trees and in other deeply shaded places where ordinary grasses do not succeed well. It is made up largely of rare and high-priced grasses such as Chewings' Fescue, Creeping Bent, Rough Stalked Meadow, etc.

By mail: Lb., 65c; 3 lbs., \$1.85. By freight: Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 100 lbs., \$45.00.

(All Lawn Grass prices include sacks. We use only the best grades of seed.)



Good Seed and "Vigoro" Made This Lawn.



# OLDS' SEED CORN

**ADAPTED CORN.** Choice Adapted Seed Corn is perhaps our greatest specialty in the entire list of seeds. It is not enough to have corn that will grow. You want corn that is adapted and that will produce. We have been constantly improving our corn during the past years and developing higher yielding strains.

**WISCONSIN VARIETIES BEST.** Our principal varieties of corn are the ones originated and developed here at the Wisconsin Experiment Station during recent years and the ones recommended by them. These varieties, because adapted to our conditions, have put Wisconsin on the map as a corn-growing state until now in average yield of corn per acre over a term of years we are ahead of Illinois, Iowa, Missouri, Indiana and Ohio, all so-called Corn Belt states. This is a great triumph for Wisconsin.

## WISCONSIN GROWN CORN.

**OUR CORN GROWN BY SPECIALISTS.** We have associated with us during the last few years a group of expert corn men in different parts of the state who grow the different varieties for us. These men understand the breeding and selecting of corn, as well as the handling and drying. All our Wisconsin corn is fire-dried, most of it dried in regular corn-drying houses and it is all from select ears. The corn is either tipped before shelling or thoroughly graded after shelling and much of it graded with Hero Corn Graders. See page 89.

**CERTIFIED CORN.** The Wisconsin Experiment Association has arranged to certify stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. The corn must be grown at least 40 rods from any other variety, from Certified or Registered seed, must be true to type, practically free from mixture and show at least 95 per cent germination. All of our special stocks of Wisconsin grown corn are Certified.

**OUR GUARANTEE.** Note what we say about guaranteeing quality on page one. This applies to corn, as well as other things. The stock must be as represented. We guarantee, however, only to the extent of the amount paid us and will not be responsible for the crop.

## "WISKA" SEED CORN

"Wiska" is the new name given by the Wisconsin Department of Agriculture to seed corn grown one year in Nebraska from approved Wisconsin seed stocks. This corn has proven so very satisfactory when brought back here that our agronomists now recommend it very highly, and have given it this new distinguishing name, "Wiska."

**Result of State Tests.** Last year we published in our catalog the result of tests made in 1927 at the Wisconsin Experiment Station showing that the three leading Wisconsin varieties grown one year in Nebraska averaged only 3 per cent behind the Wisconsin grown corn in time of maturity.

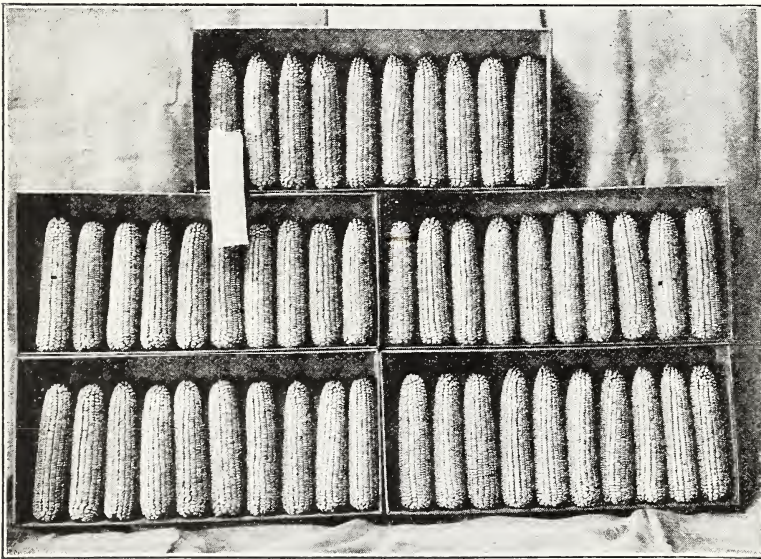
This last fall the tests at the Wisconsin Station were still more convincing as no appreciable difference was found in time of maturity between the corn from one year Nebraska seed and Wisconsin grown seed. Very extensive tests were carried on under the direction of Prof. A. H. Wright, Associate Agronomist. At husking time the different lots were husked and carefully sorted and the percentage of mature and immature ears ascertained in each lot. Many seedsmen and corn growers from Wisconsin and other states visited the field at that time. Prof. Wright now sends out this statement:

"Among the several kinds of seed corn grown in Nebraska and sold in this state under Wisconsin variety names the most dependable and satisfactory is that grown one year in Nebraska from approved Wisconsin seed stocks; that grown more than one year in Nebraska is unreliable in maturity and uniformity."

**VERIFIED SEED CORN.** In order to safeguard the "Wiska" Corn and protect purchasers a plan has been worked out for State Verification by the Wisconsin Department of Agriculture. All of the "Wiska" Corn we offer this year will be State Sealed and each bag will bear an official state tag certifying as to the genuineness of the corn.

## MURDOCK YELLOW DENT. (Wisconsin No. 13.)

Sweepstakes Corn of the Northern Zone.



**Murdock Yellow Dent** is our favorite variety of corn. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He took more than 35 premiums on it in 12 years.

Murdock Yellow Dent is of a deep yellow color, ears  $8\frac{1}{2}$  to  $9\frac{1}{2}$  inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. As to season, it is decidedly early. Earlier than Silver King and equal to it in yield.

**BRUECKNER MURDOCK.** We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years up to the time of his death in 1922, and he was selecting and further improving the corn each year during all that time. Since his death his two sons, Justus and Leo, have continued the work of developing and improving, using their father's methods. All the Brueckner Murdock we offer this year was grown by the Brueckner

Brueckner Murdock. The 50-Ear Sample that Won First Prize at the 1920 Wisconsin Pure Bred Grain Show. Exhibited by Mr. H. C. Brueckner.

brothers. The corn is all Certified Stock. See above for explanation.

Our other Wisconsin grown Murdock is fire-dried and choice and most of it from Brueckner seed originally.

### PRICES OF MURDOCK YELLOW DENT FOR 1929.

Brueckner Stock:  $\frac{1}{2}$  pk., \$1.10; pk., \$2.00; bu., \$6.00;  $2\frac{1}{2}$  bus. at \$5.90; 10 bus. at \$5.75. Bags extra at 35c.

Other Wisconsin:  $\frac{1}{2}$  pk., 85c; pk., \$1.50; bu., \$4.50;  $2\frac{1}{2}$  bus. at \$4.40; 10 bus. at \$4.25. Bags extra.

"Wiska" Corn, from Brueckner Seed: Pk., \$1.10; bu., \$3.25;  $2\frac{1}{2}$  bus. at \$3.15; 10 bus. at \$3.00.

Other Nebraska Grown: Pk., \$1.00; bu., \$3.00;  $2\frac{1}{2}$  bus. at \$2.90; 10 bus. at \$2.75. Bags extra.

Any variety of corn—by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 3 lbs., 60c.

(Seed Corn Prices. Prices are very low this year, the lowest in years and the corn is very fine. Order liberally.

Prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.)





Bishop's Heavy Yield Golden Glow.

## GOLDEN GLOW (Wisconsin No. 12.)

Most Largely Grown of all Wisconsin Varieties.

Golden Glow is the most popular variety of Wisconsin corn. It is grown more largely than any other variety, and in fact, they estimate at the Wisconsin College of Agriculture that half of all the corn grown in the state now is Golden Glow. It certainly is well adapted to all sections of the state as far north as north-central Wisconsin, and is, of course, equally valuable for other states of about the same latitude. It is a little earlier than either Murdock or Silver King, hence safer in an unfavorable season.

**Description.** Golden Glow is a cross of Wis. No. 8 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter. It is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, the standard official length being  $8\frac{1}{4}$  to  $9\frac{1}{4}$  inches, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

**BISHOP'S HEAVY YIELD GOLDEN GLOW.** We have a specially fine strain of Golden Glow, grown by Mr. W. E. Bishop in Trempealeau County, Western Wisconsin. The Bishop strain is characterized by uniformity of type and color, strong vigorous growth, earliness of maturity, and "heavy yield." Mr. Bishop almost always reports a yield of around 100 bushels per acre for his entire acreage.

Mr. Bishop has been growing and improving this "Heavy Yield" strain of Golden Glow for many years. This is the twelfth year that we have offered it, and the stock this year is the finest ever. Mr. Bishop says of it: "I never saw as fine corn in my life and that from the standpoint of size, type, color, purity and general appearance." The stock is State Certified.

**JACQUES' NORTHERN WISCONSIN GOLDEN GLOW.** We have again also a stock of fine Golden Glow from Mr. W. H. Jacques, of Pierce County, probably the largest and most experienced seed corn grower in the state. Mr. Jacques' strain of Golden Glow is a wonderfully fine early strain, bred up and improved through a term of years. This stock is not only State Certified but is State Sealed. See next paragraph.

**STATE SEALED CORN.** The Wisconsin Department of Agriculture has decided this year to authorize the sealing of corn grown by a few prominent growers of the state. They have selected as one of these growers our Mr. W. H. Jacques, because of his outstanding success as a breeder and grower and because of his superior strains of corn. Arrangements have been made with the Seed Inspection Department of the Wisconsin Department of Agriculture to seal and attach an official tag to every bag of Jacques corn as it comes in to us here at Madison. This applies to all the other varieties grown by Mr. Jacques, as well as Golden Glow.

### PRICES OF GOLDEN GLOW FOR 1929:

Bishop Heavy Yield:  $\frac{1}{2}$  pk., 90c; pk., \$1.65; bu., \$5.00;  $2\frac{1}{2}$  bus. at \$4.90; 10 bus. at \$4.75. Bags extra.  
 Jacques' Northern Wisconsin:  $\frac{1}{2}$  pk., 90c; pk., \$1.60; bu., \$4.75;  $2\frac{1}{2}$  bus. at \$4.65; 10 bus. at \$4.50.  
 Other Wisconsin:  $\frac{1}{2}$  pk., 85c; pk., \$1.50; bu., \$4.50;  $2\frac{1}{2}$  bus. at \$4.40; 10 bus. at \$4.25.  
 "Wiska" Corn, from Bishop Seed:  $\frac{1}{2}$  pk., 75c; pk., \$1.10; bu., \$3.25;  $2\frac{1}{2}$  bus. at \$3.15; 10 bus. at \$3.00.  
 Other Nebraska Grown:  $\frac{1}{2}$  pk., 60c; pk., \$1.00; bu., \$3.00;  $2\frac{1}{2}$  bus. at \$2.90; 10 bus. at \$2.75. Bags extra.

## TREAT YOUR CORN WITH SEMESAN JR.

Du Bay Semesan Jr., which succeeds the products sold last year as Du Pont Semesan Jr. and Bayer Dust, is an inexpensive dust treatment for all Field and Sweet Corn to protect against disease, stimulate germination and increase yields.

**Semesan Jr. Increases Yield.** Reports from many agricultural experts and farmers show increased yields from treated seed of 20% to 40% or more. In tests conducted in both Illinois and Iowa, Federal and State Governments found that Semesan Jr. not only controlled the diseases but also increased the yields by varying amounts up to 38%.

**Ear, Root and Stalk Rots** that attack America's corn crop cause an annual loss of \$200,000,000. These diseases are so destructive that they often destroy from 10 to 50% of an entire planting. Now, by a simple, inexpensive dusting of seed corn with Semesan Jr., not only are the more prevalent diseases controlled, but substantial yield increases are made possible.

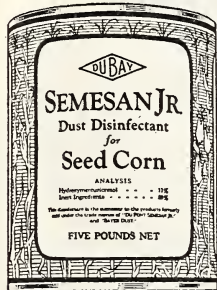
Semesan Jr. is easily applied to seed corn by the convenient dusting method at the rate of 3 ounces to a bushel of seed. Since a bushel will plant from 7 to 8 acres, a pound will treat seed enough to plant 35 to 40 acres at an expense of only 5 cents per acre.

We recommend very strongly that all Seed Corn be treated with Semesan Jr. before planting. It does not injure the seed at all and it is so easily applied and the expense is so slight that it is certainly good business policy to take this precaution and play safe. We sold a lot of Semesan Jr. last year and expect a much larger demand for it this year. Try it out.

"SEMESAN JR.,  
a Superior Disinfectant for Seed Corn."

A 32 Page Illustrated Book, Describing Corn Diseases, Telling of the Damage to the Corn Crop Because of These Diseases and Giving Instances of Benefits Received from the Use of Semesan Jr.

This Book Mailed Free. Ask for a Copy.



### PRICES:

4 oz. size .....\$0.50  
 1 lb. size ..... 1.75  
 5 lb. size ..... 8.00  
 25 lb. size .....31.25  
 (Not mailable.)





Ten Typical Ears of Cold Resistant Golden Glow.

## COLD RESISTANT GOLDEN GLOW.

Earlier than Golden Glow and the Best Good-Sized Corn for Central and Upper Wisconsin.

Also Fine for All Sections to Resist Cold Weather Just After Planting.

Cold Resistant Golden Glow is a genuine Golden Glow with all the good qualities of that variety and in addition with the cold resistant features bred into it so it will stand unfavorable weather.

We offered it for the first time seven years ago. It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time, and permit of earlier planting. With the idea of producing such a corn and something also that would yield well and mature early they worked on this at the Wisconsin Experiment Station for ten years testing it out in different sections.

The Official History and Description of Cold Resistant from Wisconsin Bulletin No. 170 reads as follows:

"Owing to the cool weather which frequently prevails during the early part of the growing season and retards the growth of corn a strain was bred which will continue to grow under conditions too cool for ordinary varieties." "This work was begun in 1914 by germinating six kernels from each of a large number of ears, in an ice box kept at a temperature of 42° to 45° F. Those ears, the kernels of which showed any sign of germination, were kept for further breeding. After six years of selection, a strain of Golden Glow corn was produced which will grow at a soil temperature several degrees lower than that required for the standard Golden Glow strains. In breeding this strain, every effort was made to maintain the size of the ear and stalk and standard Golden Glow type."

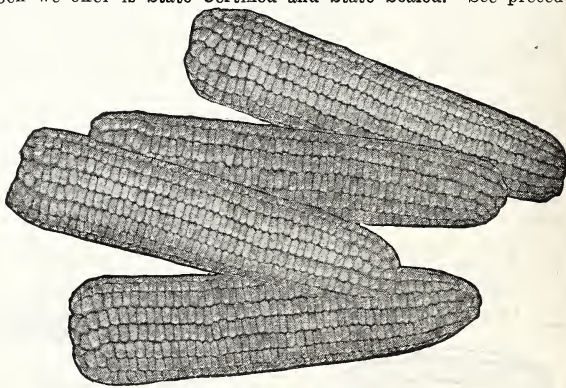
**JACQUES COLD RESISTANT.** Our best Cold Resistant comes from Mr. Jacques, who, no doubt, has the best strain of Cold Resistant in the State. He wrote us Sept. 26, 1928, as follows: "I have been doing some work on our Cold Resistant the past two years and think we have better corn to offer this year. It runs a full week earlier in maturity than the Golden Glow and that much earlier than it was three years ago. It is maturing better than it did a year ago on same land and conditions." All the Jacques stock we offer is State Certified and State Sealed. See preceding pages for explanation.

### PRICES OF COLD RESISTANT FOR 1929.

Jacques Stock: ½ pk., 90c; pk., \$1.60; bu., \$4.75; 2½ bus. at \$4.65; 10 bus. at \$4.50. Bags extra.

Other Wisconsin: ½ pk., 85c; pk., \$1.50; bu., \$4.50; 2½ bus. at \$4.40; 10 bus. at \$4.25. Bags extra.

Nebraska Grown: ½ pk., 60c; pk., \$1.00; bu., \$3.00; 2½ bus. at \$2.90; 10 bus. at \$2.75. Bags extra.



Jacques' Cold Resistant.



Jacques' Wisconsin No. 8.

## WISCONSIN NO. 8.

Best Husking Variety for Northern Wisconsin.

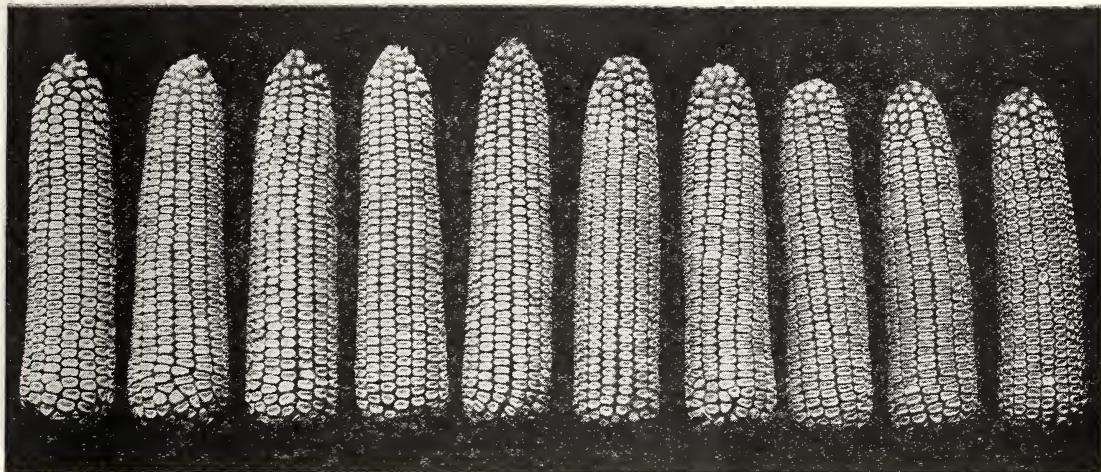
Wisconsin No. 8 is probably the earliest of all dent varieties except Wisconsin No. 25. It came originally from Minnesota but has been developed and improved at the Wisconsin Experiment Station, the ears being materially lengthened without sacrificing the extreme earliness. The ears average 7 to 8 inches in length, with good length kernels, very uniform in type and color.

Our Wisconsin No. 8 this year is all from Mr. Jacques and is State Certified and State Sealed, the same as the other Jacques corn. He says of it, "I find a good sale for Wisconsin No. 8 and like to grow it, it being about as good a husking variety as there is for North Central Wisconsin. My yield of shelled corn is about the same most years as the larger varieties. While ears are a trifle smaller they have a very good shelling percentage and they are surer to make a crop."

**PRICES OF JACQUES WISCONSIN NO. 8:**

½ pk., 90c; pk., \$1.60; bu., \$4.75; 2½ bus. at \$4.60; 10 bus. at \$4.50. Bags extra.





Ten Ears of Wisconsin No. 25, "The Earliest Corn." Grown by W. H. Jacques, Pierce County, Northern Wisconsin.

## WISCONSIN NO. 25 (Northern Yellow Dent)

Earliest of All Wisconsin Varieties.

Here is the corn for the extreme north, way up on Lake Superior. Earlier than any other dent variety, even than Wisconsin No. 8 or Minnesota No. 13 and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which Prof. Delwiche secured from Northern Michigan.

All the Wisconsin No. 25 we have to offer this year was grown by Mr. Jacques. The stock is all State Certified and State Sealed. It was grown from select, registered and acclimated stock, the seed coming from the Spooner Experiment Station. It is wonderfully fine stock, and not so very small either for such an early variety. Note the size of the ears in the illustration. The Northern Wisconsin Experiment Station has had yields as high as 90 bushels per acre on test plots.

We recommend this corn for the extreme northern counties of Wisconsin and for the same latitude in other states. A little farther south plant Wisconsin No. 8 or Minnesota No. 13 and still farther south Cold Resistant or other Wisconsin varieties. Our Jacques stock of this corn this year is certainly very fine. We do not see how it could be better for an extra early. The price is a little higher than for other varieties, as it costs more to grow it.

PRICES OF JACQUES WISCONSIN NO. 25 FOR 1929:

1/2 pk., 90c; pk., \$1.65; bu., \$5.00; 2 1/2 bus. at \$4.90; 10 bus. at \$4.75.

## IMPROVED SMUT NOSE FLINT



Jacques' Minnesota No. 13.

## MINNESOTA No. 13

Minnesota's most famous variety of corn. A good 90 day corn, similar in type to Golden Glow, somewhat smaller in ear and stalk and about a week earlier.

Our stock is all from Mr. Jacques and is Certified and Sealed. He says of it (Nov. 15th), "I have the nicest lot of this variety this year I ever had and yield per acre was big and ears very nice looking. It was only 22 per cent moisture when husked so is sure to be plump, nice looking corn. In my own opinion Minnesota No. 13 is as good a husking corn as there is for central Wisconsin. I like to grow such varieties as Wisconsin No. 8 and Minnesota No. 13 as my yield of shelled corn on them is about the same most years as of the larger varieties."

PRICES OF JACQUES MINNESOTA NO. 13:

1/2 pk., 90c; pk., \$1.60; bu., \$4.75; 2 1/2 bus. at \$4.65; 10 bus. at \$4.50.

### WILL THE JACQUES CORN GROW?

Mr. Jacques writes under date of Nov. 23, 1928:

"Here are our tests on the corn to date:

Wisconsin No. 25: 20 tests, 100%; 3 tests, 98%; 1 test, 94%; average, 99 1/2%.

Golden Glow: 9 tests, 100%; 1 test, 98%; average, 99.8%.

Cold Resistant: 19 tests, 100%; 4 tests, 98%; 1 test, 94%; average, 99.4%.

Silver King: 12 tests, 100%; 3 tests, 98%; 2 tests, 96%; average, 98.9%.

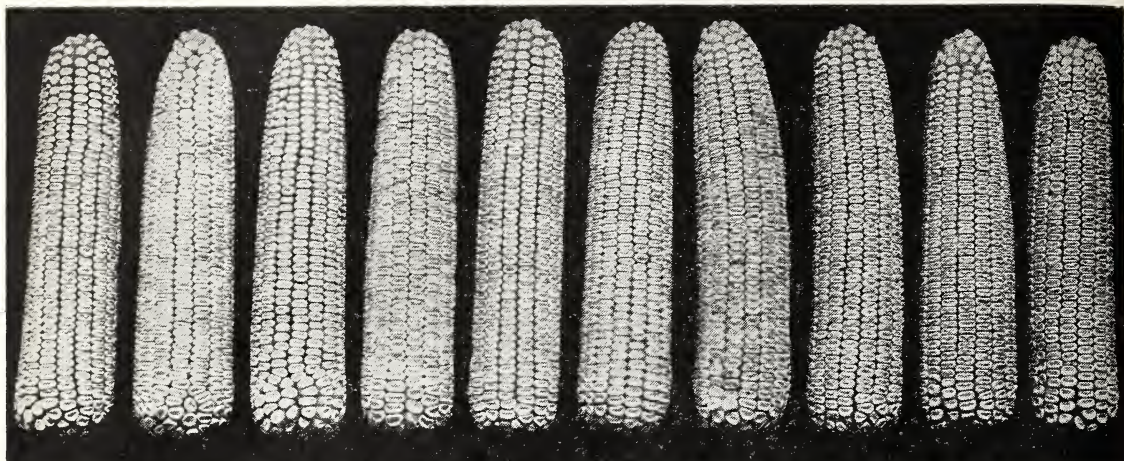
Wisconsin No. 8: 12 tests, 100%; 3 tests, 98%; 1 test, 96%; average, 99.4%.

Minnesota No. 13: 7 tests, 100%; 1 test, 98%; average, 99.8%.



Improved Smut Nose Flint.





Ten Ears of Spangler Silver King, Grown by Spangler Brothers, Jefferson County, Wisconsin.

## SILVER KING (Wisconsin No. 7)

By Far the Best White Dent for Southern Wisconsin, Northern Illinois and Iowa.

Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn for southern Wisconsin. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard sort. It is a big yielder and wonderfully fine for the silo.

The Official Description from Wisconsin College of Agriculture Corn Bulletin No. 170, is as follows:

"This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from 8½ to 9½ inches.

"The foundation stock of Silver King was secured from John Banks, Algona, Iowa, by the Wisconsin Experiment Station in 1904. Since that time it has been improved by ear-to-row breeding and adapted to Wisconsin climatic conditions. This variety breeds true to type and is one of the best yielders for crib and silage corn in the southern half of the state. Reports from Experiment Association members show a six year average yield (1918-1923) of 62.1 bushels per acre, an increase of 18.9 bushels above the state average."

**SPANGLER STOCK.** Our Spangler Stock of Silver King, shown above, grown by Spangler Brothers, Jefferson County, is an unusually fine strain, bred to a rather large rough type. The Spanglers have taken many prizes, including "First on Ten Ears" and "First on Single Ear" at the 1924 State Grain Show, "Sweepstakes on Ten Ears" at the 1925 Show and "Seventh on Single Ear" at the Chicago International, 1923. Also "First on 50 Ears Silver King" and "First on Single Ear" at the 1927 State Grain Show and a lot more prizes this last fall at State and County Fairs. The corn they are delivering to us this season is unusually choice. It is all State Certified.

**JACQUES NORTHERN STOCK.** Our Jacques Silver King from Mr. W. H. Jacques, of Pierce County, is also very fine and is State Certified and Sealed.

We recommend this stock for our customers living pretty well North and for all who fear the Spangler stock would prove a little late in maturing. It is a decidedly early strain of Silver King and in fact Mr. Jacques says it seems to be fully as early as his Golden Glow. At the same time it is by no means a small strain. He says it is his best yielder of all his varieties, giving him an average of better than 75 bushels per acre.

**OTHER WISCONSIN STOCK.** We have some unusually nice Silver King this year from other Wisconsin growers. Most of this is Southern Wisconsin Grown, Jefferson and Dane County. It is smaller than the Spangler stock.

### PRICES OF SILVER KING FOR 1929.

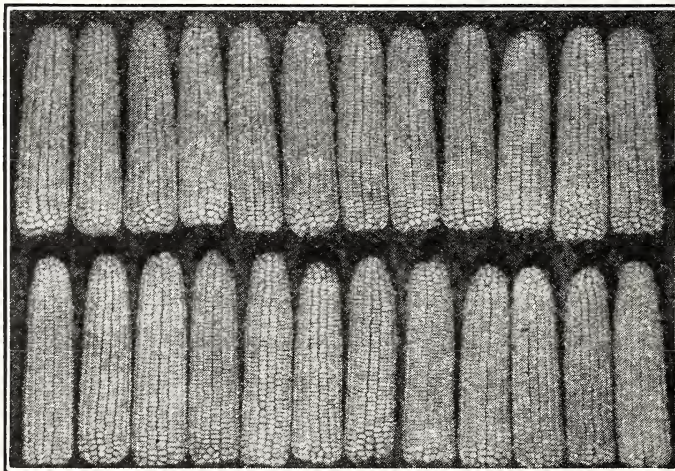
Spangler Stock: ½ pk., 90c; pk., \$1.65; bu., \$5.00; 2½ bus. at \$4.90; 10 bus. at \$4.75. Bags at 35c each.

Jacques Stock: ½ pk., 90c; pk., \$1.60; bu., \$4.75; 2½ bus. at \$4.65; 10 bus. at \$4.50. Bags extra.

Other Wisconsin Grown: ½ pk., 85c; pk., \$1.50; bu., \$4.50; 2½ bus. at \$4.40; 10 bus. at \$4.25.

"Wiska," from Spangler Seed: ½ pk., 65c; pk., \$1.10; bu., \$3.25; 2½ bus. at \$3.15; 10 bus. at \$3.00.

Other Nebraska Grown: ½ pk., 60c; pk., \$1.00; bu., \$3.00; 2½ bus. at \$2.90; 10 bus. at \$2.75. Bags extra.



Jacques' Northern Wisconsin Silver King.



## NEBRASKA GROWN CORN.

The corn offered on this page is all Nebraska grown except the Red Cob Ensilage, which is Missouri grown. That means of course that it will all be later in maturing than Wisconsin corn. It is all good seed corn, however, is well graded and shows high germination tests. We like to see Wisconsin farmers and other Northern farmers order Wisconsin Grown Corn or "Wiska" Corn for their general planting as we know it will give the best satisfaction. For silage and for fodder of course the Nebraska corn will do very well, however, and the price will have its attraction. With a favorable season most of it will be all right for husking corn, too.

### WHITE CAP YELLOW DENT.

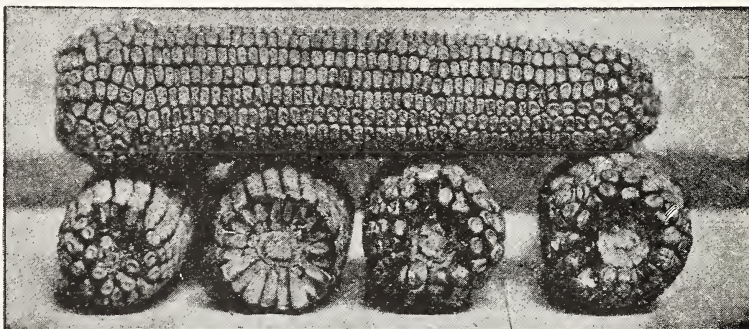
This has been a popular variety for years. Kernels are yellow or nearly so except on the outer ends, where they are white. Medium early. Grows quite a large ear, 9 inches or more. Excellent for a silo corn.

Prices:  $\frac{1}{2}$  pk., 60c; pk., \$1.00; bu., \$2.90;  $2\frac{1}{2}$  bus. at \$2.75; 10 bus. at \$2.65. Bags extra.

### GIANT RED COB ENSILAGE.

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the north for a large growth of green fodder. Does not ordinarily develop ears in north. Our stock is Missouri grown.

Prices:  $\frac{1}{2}$  pk., 50c; pk., 80c; bu., \$2.35;  $2\frac{1}{2}$  bus. at \$2.25; 10 at \$2.10.

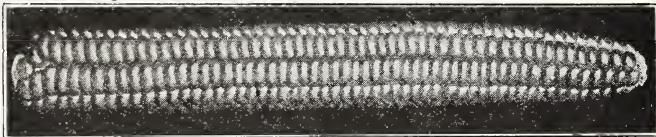


Reid's Yellow Dent, A Very Popular Large Yellow Corn.

### REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo. We sell it in large quantities for that purpose, especially to the dairy farmers of northern Illinois.

Prices:  $\frac{1}{2}$  pk., 55c; pk., 95c; bu., \$2.85;  $2\frac{1}{2}$  bus. at \$2.75; 10 bus. at \$2.60. Bags extra at 35c.



Early Longfellow, the Most Popular Flint.

### EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days.

Prices:  $\frac{1}{2}$  pk., 65c; pk., \$1.15; bu., \$3.50;  $2\frac{1}{2}$  bus. at \$3.40; 10 bus. at \$3.25. Bags extra.

### KING PHILIP FLINT.

A very early, 8-rowed red flint. Ripens in 70 to 80 days. Popular on account of its extreme earliness.

Prices:  $\frac{1}{2}$  pk., 70c; pk., \$1.25; bu., \$3.75;  $2\frac{1}{2}$  bus. at \$3.65; 10 bus. at \$3.50.

### SANFORD'S WHITE FLINT.

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color. Larger and later than Longfellow. Stalks tall and leafy, usually 2 ears each.

Prices:  $\frac{1}{2}$  pk., 70c; pk., \$1.25; bu., \$3.75;  $2\frac{1}{2}$  bus. at \$3.65; 10 bus. at \$3.50.

### GENESEE VALLEY FLINT

A heavy yielding flint, a little larger and a very little later than Longfellow, with a larger and a broader kernel. Reddish yellow instead of pure yellow. A very vigorous grower.

Prices:  $\frac{1}{2}$  pk., 65c; pk., \$1.15; bu., \$3.50; 10 bus. at \$3.25.

### COMPTON'S EARLY YELLOW FLINT.

An extra early variety with large ears, averaging 10 inches in length, usually 12-rowed. Small, rich golden-yellow kernels.

Prices:  $\frac{1}{2}$  pk., 65c; pk., \$1.15; bu., \$3.50; 10 bus. at \$3.25.

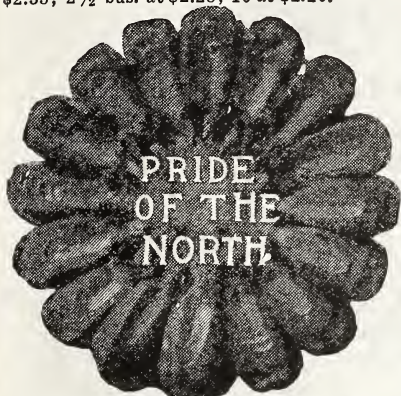
### IMPROVED LEAMING.

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin and is in great demand in the North as a silage corn. Largely planted by dairy farmers.

Prices:  $\frac{1}{2}$  pk., 55c; pk., 95c; bu., \$2.85;  $2\frac{1}{2}$  bus. at \$2.75; 10 bus. at \$2.60. Bags extra.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 3 lbs., 60c. Samples showing tests free. Half bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck; grain bags holding  $2\frac{1}{2}$  bushels, 35c each.

Prices of corn are subject to change after February 1st. Ask for "Weekly Price List" after that date. Corn prices are certainly very reasonable now. Better place your order at once.



PRIDE  
OF THE  
NORTH

### PRIDE OF THE NORTH.

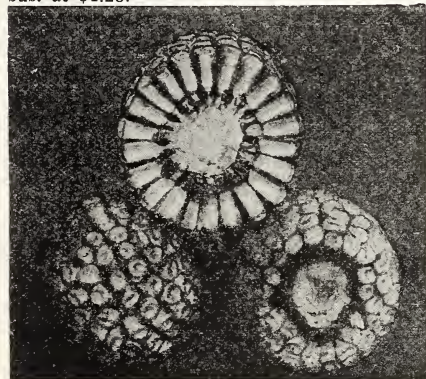
The old, well-known standard early Yellow Dent. Ears not large but kernels very deep with very small cob. Probably no other variety furnishes as large a percentage of shelled corn.

Prices:  $\frac{1}{2}$  pk., 60c; pk., \$1.00; bu., \$2.90;  $2\frac{1}{2}$  bus. at \$2.80; 10 at \$2.65.

### EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn. See page 41 for description.

Prices:  $\frac{1}{2}$  pk., 85c; pk., \$1.50; bu. (45 lbs.), \$4.50;  $2\frac{1}{2}$  bus. at \$4.40; 10 bus. at \$4.25.



Improved Leaming.



# OLDS' SEED OATS

**CHOICE SEED OATS** are a specialty with us. Our oats are grown on contract by careful farmers, mostly near Madison. We furnish the stock seed, watching and inspecting the crops as they grow. The crops are finally delivered at our warehouse, where we thoroughly clean and grade the grain with our up-to-date cleaning machinery.

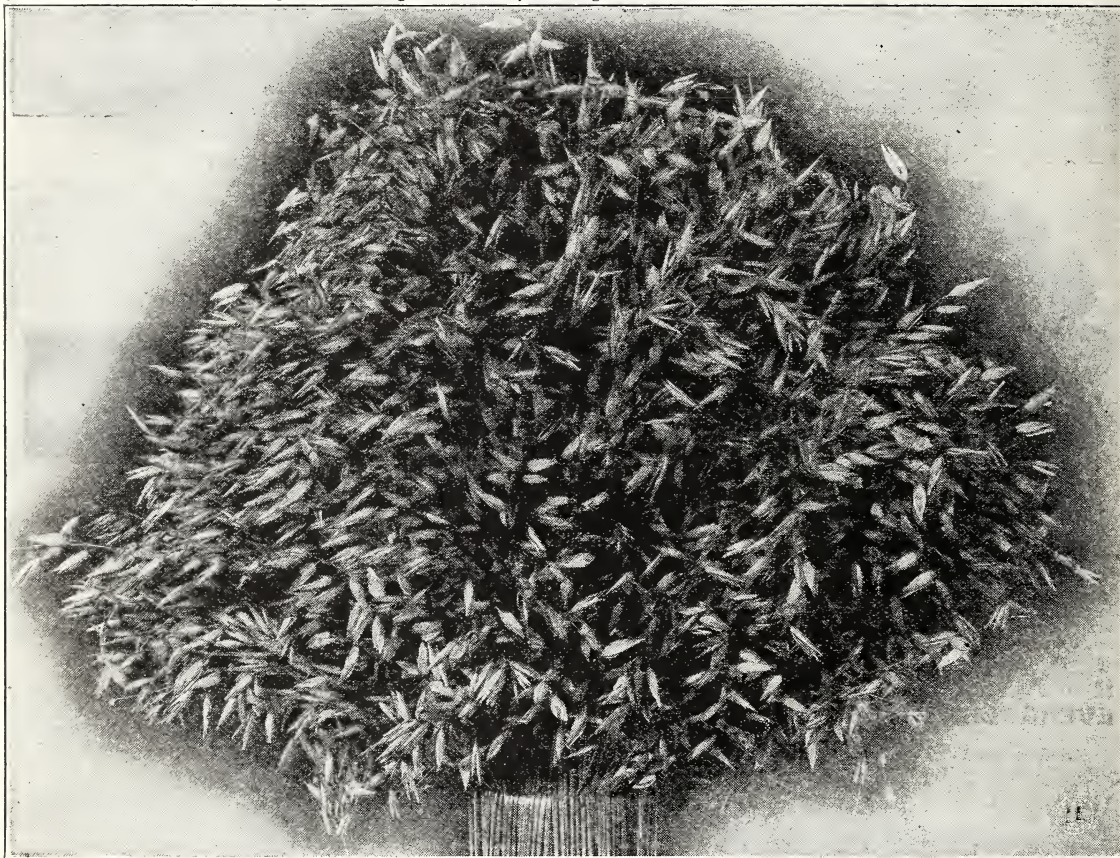
**WISCONSIN PEDIGREE VARIETIES.** We are confining ourselves now to the Pedigree varieties of oats developed at the Wisconsin Experiment Station. These are the best strains of oats we know anything about.

**REGISTERED SEED.** Registered seed as defined by the Wisconsin Experiment Association is seed that was grown from either elite or registered seed, that has been both field inspected and sample inspected by the Experiment Association and shows a purity test of not less than 99.6 per cent. There must be not more than one kernel per pound of other varieties or kinds of grain, no noxious weed seeds, not more than 1-10 per cent of other weed seeds and not more than 2-10 per cent of inert matter. Germination at least 90 per cent. By elite seed is meant seed that was grown on the Station farm here at Madison and this is all hand rogued.

**CERTIFIED SEED.** Certified seed calls for the same inspections as Registered Seed, with the same rigid cleaning and with freedom from noxious weeds, the purity test not less than 99.5 per cent. There must be not more than 5-10 per cent mixture of other varieties and not more than 1-10 per cent other kinds of grain, otherwise the same requirements as for Registered Seed.

**STANDARD SEED.** Our Standard Seed is pure and clean, nearly equal in appearance to the Registered and Certified Seed, and just as carefully cleaned but usually from crops that were not field inspected.

**OFFICIAL TAGS.** We are using on the bags this year official certification tags authorized by the Wisconsin Experiment Association, blue tags on the Registered Seed, red tags on the Certified Seed.



Prize Sheaf of Wisconsin Pedigree No. 7 at one of the Grain Shows of the Wisconsin Experiment Association.

## STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7)

Most Popular Early Oat and Best Yields of all Oats at Wisconsin Experiment Station Farm Over a Period of 8 years. State's Pride is a new pedigreed variety of oats originated at the Wisconsin Experiment Station. We were the first to offer it. It has come to be a leader with us and continues to grow in popularity each year. In fact, it almost looks now as if no other variety of oats was wanted by our customers.

**Description.** State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about as meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm.

Another thing about this oat is its hardiness. Prof. Leith says it is the hardiest of anything, resists heat and withstands unfavorable conditions. It is fully recommended for rich soils where ordinary oats will not do well at all.

In yield per acre at the Wisconsin Experiment Station, State's Pride stood first of all varieties in 1914, 1915, 1917, 1918, 1920, 1921, 1925 and 1927 and the average for 8 years was 9 bushels higher than the next highest variety.

### PRICES OF STATE'S PRIDE FOR 1929.

**Registered Seed—**By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 40c; bu., \$1.25. (Bushel sacks extra at 10c.) 2½ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. or over at \$1.10. (Cotton grain bags extra at 35c.)

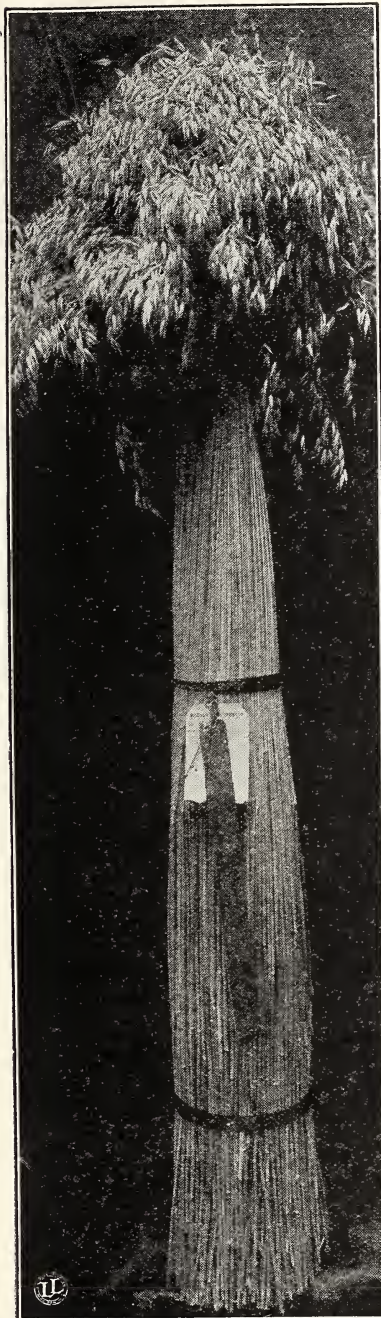
**Certified Seed:** Bu., \$1.15; 2½ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00. Bags extra.

**Standard Seed:** Bu., \$1.05; 2½ bus. at \$1.00; 10 bus. at 95c; 25 bus. at 90c. Bags extra.

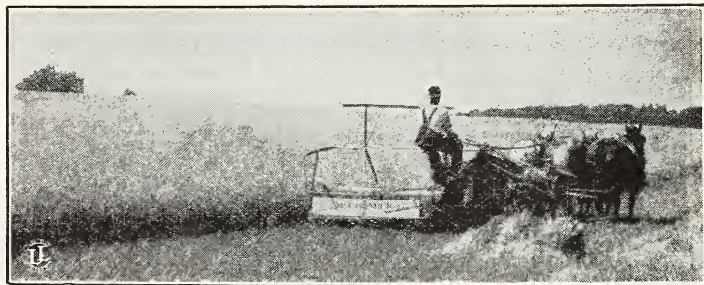
(See what we say about "Certified Seed" and "Registered Seed" at the top of this page. All orders for less than one bushel will be filled from Registered Seed.) (We ship oats mostly in grain bags this year instead of jutes.)

**Note—**Field Seed prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.





Sheaf of White Cross Oats. First Prize Oats at Wisconsin State Fair.



Field of White Cross on the University Farm (Courtesy Wis. Coll. of Agri.).

## WHITE CROSS (Wis. Pedigree No. 19)



"Finest Appearing Early Oat." Prof. B. D. Leith.

This is a new Pedigree variety of oats recently developed at the Wisconsin Experiment Station. In many respects the best. The small size of the grain and the yellow color were objectionable features in the State's Pride. In the White Cross the attempt has been made to produce a white oat of larger size than State's Pride but still maintaining the earliness and high yield. The result of this effort has been wonderfully satisfactory.

**History:** White Cross is a pure line selection from a cross made at the Wisconsin Station in 1911 between Big Four and Sixty Day. A very careful selection was made for several years until finally this beautiful white extra early and high yielding strain was sent out under the name "White Cross."

To sum up these are the outstanding features of White Cross:  
First, it is extra early, almost as early as the famous State's Pride.  
Second, it is white instead of yellow, with a good sized grain, making it as Prof. Leith says, "the finest appearing early oat."  
Third, it is a heavy yielder, second only to State's Pride at the Wisconsin Experiment Farm and some years outyielding that variety.  
Fourth, it grows a taller straw than State's Pride and can always be easily harvested by the binder even on thin poor land.  
Fifth, it is the best early oat for light soils, outyielding all other earlies.

This is the fifth year White Cross has appeared in our catalog. It has been gaining in popularity each year. We want to recommend it as a first-class, satisfactory, all-around oat with all the good qualities of our best heavy-yielding main-crop varieties, combined with extreme earliness.

### PRICES OF WHITE CROSS FOR 1929:

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 40c; bu., \$1.25; 2½ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. or over at \$1.10. Grain bags holding 2½ bushels each extra at 35 cents.  
Standard Seed: Bu., \$1.05; 2½ bus. at \$1.00; 10 bus. at 95c; 25 bus. at 90c. Bags extra.

(For explanation of different stocks see top of page 14.)



Field of Forward Oats. (Courtesy of Prof. E. J. Delwiche.)

## FORWARD (Wis. Pedigree No. 1241)

Best Oat for Northern Wisconsin.

Forward is a new pedigree variety of oats that we offered two years ago for the first time. It is a handsome, white, medium early, heavy yielding, plump variety that is giving splendid satisfaction in every way.

**History.** Forward is a selection from Silver Mine made in 1911, not at the Madison Station but at the Demonstration Station at Superior, being bred further and improved at the Ashland Branch Station. Wisconsin Bulletin 340 describes it as follows:

"It has a white, fairly plump kernel of medium length. The variety stands out conspicuously as the best yielding oats for the northern, or Lake Superior region. It outyielded its nearest competitor by nearly 5 bushels per acre, and Pedigree 5 by 9.6 bushels. Forward is recommended as the best oat for the northern section of the state."

We are glad to have this new oat to offer our customers as an improved strain of Silver Mine. Silver Mine has long been a popular oat with the farmers of the Northwest. Pure white, plump, smooth, heavy, medium early.

### PRICES OF FORWARD OATS FOR 1929:

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 40c; bu., \$1.25; 2½ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10. Bags extra at 35c.  
Standard Seed: Bu., \$1.05; 2½ bus. at \$1.00; 10 bus. at 95c; 25 bus. at 90c. Bags extra.





Field of Wisconsin Pedigree No. 5 Oats on the University Hill Farm at Madison.

## WISCONSIN PEDIGREE No. 5 OATS

Of all the splendid Wisconsin varieties of oats, Wisconsin Pedigree No. 5 is the plumpest and finest appearing. The kernels are large, thick, pure white and most attractive.

**History.** Wisconsin Pedigree No. 5 is a pure-line selection from the Swedish Select, which was obtained from the U. S. Department of Agriculture in 1898. It was sent out by the Wis. Ex. Station about 1913.

**Description.** Wisconsin Pedigree No. 5 grows medium to tall in height with large, thick, spreading heads, very pretty in appearance. The kernels are large, pure white and very plump so that the threshed oats make a very fine appearance. In fact they are just the type of oats most desired in market and they always bring the highest price. They are heavy in weight, and are great yielders, always standing well up toward the top in yield per acre. Perhaps the only fault they have is that they have a tendency to lodge on rich soils. They are all right for clay soils and ordinary light soils but we do not recommend them for rich black soils. In season about medium.

**Prices, Certified Seed—By mail:** Lb., 25c. **By freight:** Lb., 20c; ½ pk., 25c; pk., 40c; bu., \$1.20; 2½ bus. at \$1.15; 10 bus. at \$1.10; 25 bus. at \$1.05. Grain bags extra at 35c.

**Standard Seed:** Bu., \$1.10; 2½ bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c. Bags extra.

## WISCONSIN PEDIGREE No. 1.

A wonderfully valuable oat first introduced by us 16 years ago. Out on the University Farm they called it the "best oat in the world," and Bulletin No. 340, issued in March, 1922, says: "The most popular oat in Wisconsin is the Wisconsin Wonder or Pedigree No. 1."

**History.** Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station in 1901 from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. for trial. Pedigree No. 1 proved the best. It is medium in season.

**Description.** Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, with rather long kernels. Our stock of Wisconsin Pedigree No. 1 this year is limited and we have only the Standard Seed.

**Standard Seed—By mail:** Lb., 25c. **By freight:** Lb., 20c; ½ pk., 25c; pk., 40c; bu., \$1.10; 2½ bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c. Bags extra at 35c.

## TREAT YOUR OATS WITH CERESAN

The Wisconsin Experiment Association is conducting a vigorous campaign to get every farmer to treat his seed oats for smut. They say—

"The season of 1928 was unusually favorable for the development and spread of oat smut. Next season's crop promises to be heavily infested with smut unless seed oats are treated. Oat smut cuts down yield and causes serious losses to Wisconsin farmers. This disease is planted with the seed and can be easily controlled by seed treatment."

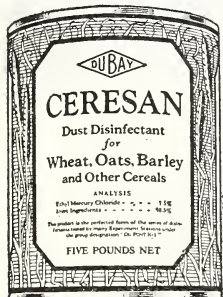
Ceresan, the new dust treatment for small grains, has proven wonderfully effective against Oat Smut. At the Wisconsin Experiment Station they have found Ceresan better than other similar dry treatments and way ahead of the old formaldehyde wet treatment, eliminating the trouble in drying and difficulty in sowing and the danger to germination.

At the Illinois Experiment Station they are very enthusiastic over Ceresan, reporting that it not only gave "perfect smut control" but also checked other diseases. In one experiment at Illinois, Ceresan increased the yield 14.2 bushels per acre. In another experiment with Big Four Oats there was an increase of 19.1 bushels per acre.

Ceresan has also proven effective in controlling bunt or stinking smut of wheat and stripe disease of barley. It is the only dust treatment which has successfully controlled all of these grain diseases.

Ceresan does not injure the seed or the grain drill. A pound treats 5 or 6 bushels. Easy to apply, economical to use. We recommend that our customers use Ceresan on their seed grain this season, certainly on all the oats to kill the smut.

A Wisconsin Circular telling about their experiments at the Wis. Experiment Station with Ceresan and how to apply it will be sent free on application. Also 24-page illustrated book prepared by the manufacturers.



**PRICES OF CERESAN:**  
8 oz. size.....\$0.50  
1 lb. size......75  
5 lb. size..... 3.00  
25 lb. size.....12.50  
(Not mailable.)



# OLDS' SEED BARLEY

Seed Barley is another of our specialties. We are located right in the midst of one of the finest barley growing sections of the whole country. We have our seed barley grown for us on contract the same as our seed oats by the best grain farmers around Madison. We furnish the stock seed, elite or registered, and have the fields entered for registration. The same rules apply for "Registered Seed," and "Certified Seed" as in seed oats. See page 14.



A Field of Olds' Wisconsin Pedigree Barley, Grown Near Madison. This Field Yielded, 50 Bushels Per Acre.

## WISCONSIN PEDIGREE BARLEY.

### THE WORLD'S CHAMPION BARLEY.



Wisconsin is a great barley state and Wisconsin barley leads the world. Away back in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschuri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of everything else up to that time. Now we have Wisconsin Pedigree, developed from the Oderbrucker and the greatest of all six-rowed barley.

Wisconsin Pedigree Barley is the result of 12 years of painstaking breeding work carried on at the Wisconsin College of Agriculture. Ten varieties of barley were used as the foundation. The number was gradually reduced and finally the pedigreed stock was sent out for trial over the state.

The following are reasons why "Wisconsin Pedigree" is of such great value:  
**First:—Heavy Yield.** The average yield in Wisconsin for 5 years was 22 per cent above the yield of all other barley. Many yields of 50 bushels per acre and over have been reported and some as high as 75 bushels.

**Second:—Plumpness of Grain.** All notice the unusually plump kernels.

**Third:—Stiffness of Straw.** Stands up better than any other.

**Fourth:—Vigor of Growth.** Taller than any other barley. We have measured stalks five feet high.

**Fifth:—Perfect Development.** Heads are more completely filled out than with any other variety.

**Sixth:—Large Heads.** Many speak of the unusually long, large heads.

**Seventh:—Feed Value.** Wisconsin Pedigree has a very large protein content and is way ahead of other varieties of barley in feeding value. A wonderful improvement has been made in that respect.

**Change Seed This Year.** This is the year to secure new seed for your barley sowing. Prices are low and the seed is fine. Your own barley no doubt contains oats. Don't sow it. It is poor policy to use such grain for sowing. Pure, clean seed such as we offer will yield more and will sell for more if you want to sell it. Why not order some of our Registered Seed this year and have the best?

#### PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1929.

**Registered Seed—By mail:** Lb., 25c. **By freight:** Lb., 20c; ½ pk., 30c; pk., 50c; bu. (48 lbs.), \$1.60; 2 bus. at \$1.55; 10 bus. at \$1.50; 25 bus. or over at \$1.45. Bags, holding two bushels each, extra at 35c.

**Certified Seed:** Bu., \$1.50; 2 bus. at \$1.45; 10 bus. at \$1.40; 25 bus. or over at \$1.35. Bags extra.

**Standard Seed:** Bu., \$1.40; 2 bus. at \$1.35; 10 bus. at \$1.30; 25 bus. at \$1.25. Bags extra.

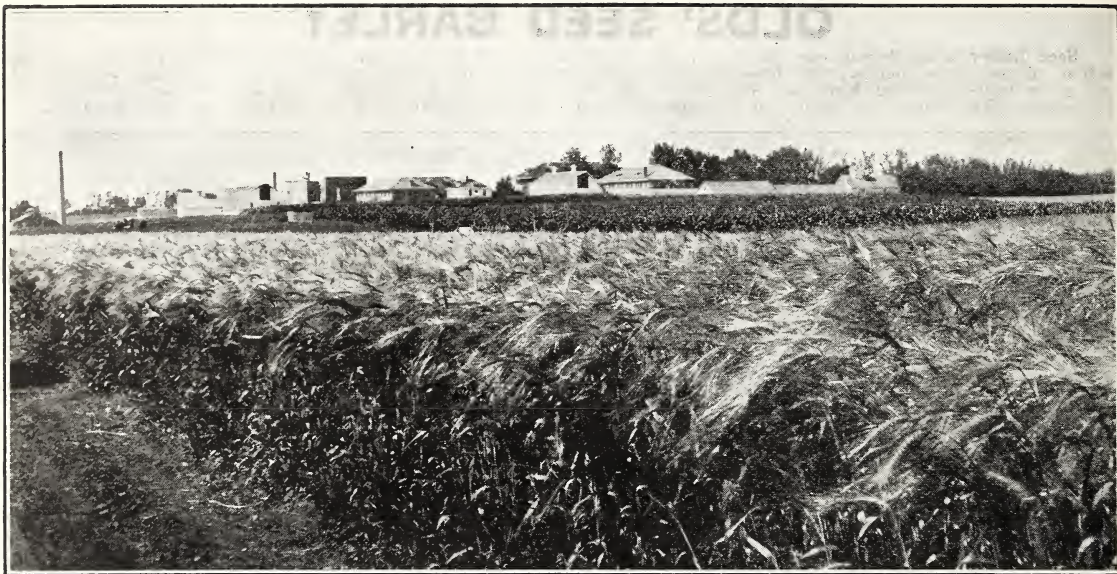
**Note—**Most of our barley and oats as well as other grain will be shipped this year in regular cotton grain bags, at 35 cents each. We believe most farmers would rather pay for good grain bags, which they can always use to good advantage, than for short-lived jute sacks, such as we have used in the past.

All Field Seed prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.



Heads of Pedigree Barley.





Field of Velvet Barley at the Minnesota Experiment Station. (Courtesy University of Minnesota).

## VELVET BARLEY (Minnesota No. 445)

Velvet Barley is the new "Smooth-Awned" or smooth bearded barley developed at the Minnesota Experiment Station. This is what everybody has been looking for—barley without the ordinary troublesome barbed beards that catch in your clothes and stick to them, and that make the handling of barley such a nightmare. With Velvet Barley the beards are perfectly smooth so that when you run them up and down through your fingers they do not stick either way.

**Description.** Velvet Barley is a plump, six-rowed barley much like Wisconsin Pedigree. The heads look just the same as the heads of Wisconsin Pedigree with beards about the same length but smooth instead of barbed. On this account it is much more valuable for feeding, both grain and straw, as well as nicer to handle. With our Wisconsin growers Velvet grew just about like Wisconsin Pedigree the past season, stood up as well, yielded as well or better and the kernels seemed to be even plumper than the kernels of Wisconsin Pedigree.

**History.** Minnesota Bulletin No. 226 has the following to say of this barley: "Velvet, a smooth-awned barley, resulted from a cross between a smooth-awned variety and Luth, a common six-rowed variety of the Manchurian type. In the Velvet variety are combined the very desirable smooth-awned character and the good characters of Manchuria, which has been one of the highest yielding varieties in Minnesota."

We think very highly of this new smooth-bearded barley. It is the first year we have been able to offer it and the price is necessarily higher than the price of other barley as it is still quite new. Our price is reasonable, however, for such a valuable new variety and we strongly urge our customers to secure seed this year. Remember, it is much like Wisconsin Pedigree so far as appearance is concerned, just as plump and yields just as well and there are no pesky rough beards.

### PRICES OF VELVET BARLEY FOR 1929.

By mail: Lb., 30c. By freight: Lb., 25c; ¼ pk., 35c; pk., 60c; bu., \$1.75; 2 bus. at \$1.70; 10 bus. at \$1.65; 25 bus. or over at \$1.60. Grain bags extra at 35c.



Sheaf of Emmer or Speltz.

## SPELTZ OR EMMER.

Farmers ought to sow more Speltz. It makes splendid feed and lots of it. Note the following points:

**First.** It is perfectly hardy and can be grown anywhere.

**Second.** It yields more per acre than either oats or barley.

**Third.** It is adapted to dry regions. Withstands drouth.

**Fourth.** It stands up when oats and barley lodge.

**Fifth.** It makes a well balanced ground feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed.

Sow the same as barley or oats about 100 pounds or 2½ bushels per acre. It ripens about with oats.

Prices: By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 40c; bu. (40 lbs.), \$1.10; 100 lbs., \$2.65; 500 lbs. at \$2.60; 1,000 lbs. at \$2.55. Grain bags extra at 35c.

## JAPANESE BUCKWHEAT.

Succeeds well in the extreme north. The grain is very large, of dark brown color. Always higher in market than Silver Hull. Sow buckwheat from June 10 to July 10, one bushel per acre.

Prices: By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu. (50 lbs.), \$1.60; 2 bus. at \$1.55; 10 bus. at \$1.50; 25 bus. at \$1.45. Bags extra at 35c.

## SILVER HULL BUCKWHEAT.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Earlier than Japanese according to the Wisconsin College of Agriculture. Very productive and fine for grinding. Prices: ½ pk., 30c; pk., 50c; bu., \$1.55; 2 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. or over at \$1.40. Bags extra.

## COMMON BUCKWHEAT.

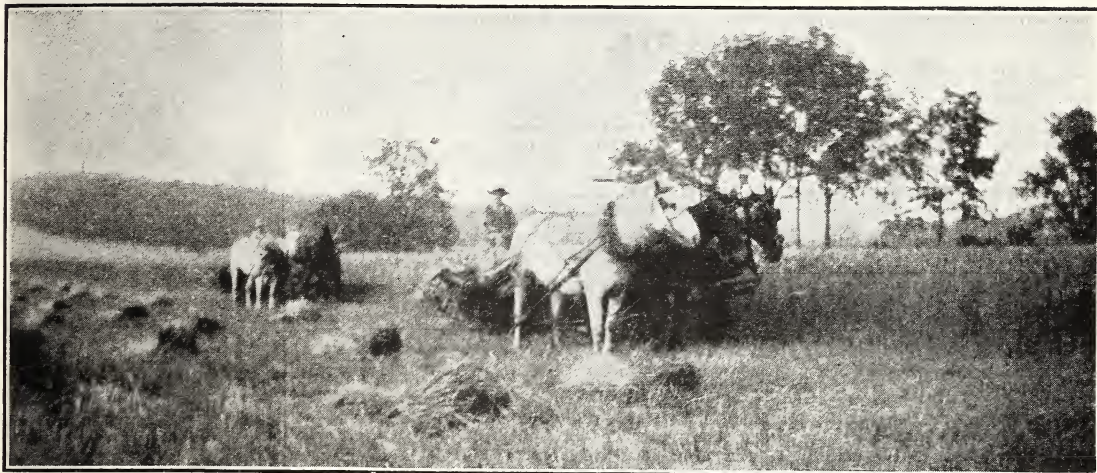
Our Common Buckwheat is really Silver Hull with some Japanese mixed with it. It is clean and nice and lower in price than the others.

Prices: Pk., 50c; bu., \$1.50; 2 bus. at \$1.45; 10 bus. at \$1.40; 25 bus. at \$1.35.

Note—Field Seed prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.



# OLDS' SEED WHEAT



Field of Progress Wheat in Jefferson County. Farm of George H. Leonard.

## PROGRESS WHEAT (Wisconsin Pedigree No. 1611)

The Wheat That Does Not Rust.

Progress is a new variety of pedigreed spring wheat that is making a splendid showing for itself wherever it has been tried. The outstanding feature about it is that it does not rust. This is what they say about it at the Wisconsin Experiment Station:  
 "Progress is a selection from the Early Java variety made at the Marshfield Station in 1915. The specific object in view was to get a wheat that would have a strong resistance to rust, and this strain is outstanding in this respect. It is a bearded, white glumed, hard red spring wheat, and is one of the highest yielders." We are glad to be able to offer this new wheat to our customers as a heavy yielding, hard, red, spring wheat that is rust resistant. Our stock is all Wisconsin grown.

### PRICES OF PROGRESS WHEAT FOR 1929.

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 45c; pk., 80c; bu., \$2.45; 2 bus. at \$2.40; 10 bus. at \$2.35; 25 bus. at \$2.30. Bags extra at 35c.  
 Certified Seed: Pk., 80c; bu., \$2.35; 2 bus. at \$2.30; 10 bus. at \$2.25; 25 bus. at \$2.20. Bags extra.  
 Standard Seed: Pk., 75c; bu., \$2.25; 2 bus. at \$2.20; 10 bus. at \$2.15; 25 bus. or over at \$2.10. Bags extra.



Field of Marquis on a Dane County Farm.

## MARQUIS (Best of all Varieties)

Marquis is a hard red spring wheat, grading No. 1 Northern, which brings the top price, but is quite different in appearance from Pike and other hard spring varieties. The grains are short and thick and very plump, making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff, strong straw.

Our main stock of Marquis this year is fancy Montana grown. It is wonderfully fine wheat—large grain, plump, bright, clean and full of vitality. We have also a limited stock of Wisconsin grown Marquis, most of it grown from elite seed. We offer this at the same price. Mention Wisconsin if preferred.

Prices—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 40c; pk., 75c; bu., \$2.25; 2 bus. at \$2.20; 10 bus. at \$2.15; 25 bus. or over at \$2.10. Grain bags extra at 35c.

### DURUM WHEAT (Macaroni).

Durum usually outyields other spring wheat; is very hardy and is earlier than other wheat.

Prices: Pk., 80c; bu., \$2.35; 2 bus. at \$2.30; 10 bus. at \$2.25. Bags extra. Smaller quantities same as Marquis.

**WISCONSIN PEDIGREE NO. 2 WINTER.** Hardest and best winter wheat for Wisconsin and Northwest.

Prices: Registered Seed: ½ pk., 40c; pk., 70c; bu., \$2.20; 2 bus. at \$2.15; 10 bus. at \$2.10; 25 bus. or over at \$2.05. Bags extra. Write for prices next fall when ready to sow.

Standard Seed: Pk., 65c; bu., \$2.00; 10 bus. at \$1.90; 25 bus. at \$1.85. Bags extra.

**GLADDEN WINTER WHEAT.** A hard, red, bearded wheat, much like Wisconsin Pedigree in appearance.

Prices: Same as for Standard Wisconsin Pedigree.



## OLDS' SEED RYE

Wisconsin is a great rye state. We are in position to furnish pure seed of the best varieties at reasonable prices. Write for prices when ready to buy.

### SPRING RYE.

Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop. Grows a tall strong straw and produces ordinarily 30 to 40 bushels per acre. The seed we offer is fancy Montana grown and very fine.

Prices, by mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 40c; pk., 75c; bu. (56 lbs.), \$2.25; 2 bus. at \$2.20; 10 bus. at \$2.15; 25 bus. or over at \$2.10. Bags extra at 35c.

**WISCONSIN PEDIGREE WINTER RYE.** Wisconsin's great variety. The result of 12 years' breeding at the Wisconsin Experiment Station. Heavy, plump, uniform kernels.

Present prices, by mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 35c; pk., 60c; bu., \$1.90; 2 bus. at \$1.85; 10 bus. at \$1.80; 25 bus. at \$1.75. Bags extra. Write for "Fall Price List," next September.

**ROSEN WINTER RYE.** A new variety from Michigan that is now becoming famous everywhere. Greatly outyields ordinary rye. Very attractive in appearance.

Prices, same as for Wisconsin Pedigree Rye.

### WILT-RESISTANT FLAX.

Recently developed at the Minnesota Experiment Station. Wilt-resistant and rust-resistant and a better yielder than the ordinary flax.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; ½ pk., 60c; pk., \$1.15; bu. (56 lbs.) \$3.50; 2 bus. at \$3.45; 10 bus. at \$3.40. Bags extra at 35c.

### COMMON FLAX.

Prices: Pk., \$1.10; bu., \$3.25; 2 bus. at \$3.20; 10 bus. at \$3.15. Bags extra.

## OLDS' FIELD PEAS.



Field Peas at the Ashland Branch Station. (Courtesy of Prof. Delwiche.)

### WHITE CANADA FIELD PEAS.

Sometimes called Yellow Canada. The best known variety. Should be sown more largely. Makes splendid hay. Prof. Mortimer of the Wisconsin Experiment Station says: "The best early seeded grass and legume mixture for emergency hay is oats and field peas." Sow 1½ bus. per acre broadcast with the same amount of oats. Our stock is Wisconsin grown and very fine seed.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; ½ pk., 65c; pk., \$1.25; bu. (60 lbs.), \$3.85; 100 lbs., \$6.25; 500 lbs. at \$6.00. Sacks free.

### DWARF ESSEX RAPE.

Dwarf Essex Rape makes quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

First. In early spring, 5 to 10 pounds per acre.

Second. With spring grain or just as it begins to come up, 2 pounds per acre to provide pasture after harvest.

Third. Alone in June or July, on newly plowed land.

Fourth. With corn just before the last cultivation.

A word about the seed. We buy in car lots and handle only the best and purest Number One Genuine Holland Grown Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort. This is much more desirable than Japanese or German rape.

Prices, by mail: Lb., 35c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.50; 25 lbs., \$2.50; 100 lbs., \$9.00; 500 lbs. at \$8.75. Bags free.

Note—Field Seed prices are subject to change after Feb. 1st. Ask for "Weekly Price List," after that date.

Samples of any Field Seeds, showing tests, are free and will be gladly furnished.

## OLDS' FIELD BEANS

### WHITE NAVY BEANS.

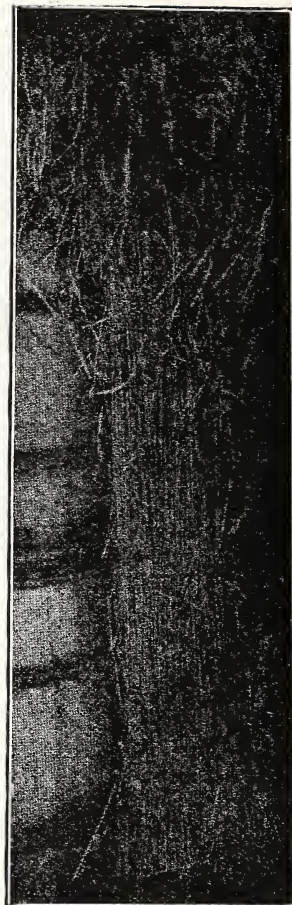
Prices, by mail: Lb., 40c. By freight: Lb., 35c; ½ pk., \$1.15; pk., \$2.25; bu., \$7.60; 100 lbs., \$12.50; 500 lbs. at \$12.25. Bags free.

### RED KIDNEY BEANS.

Prices, by freight: Lb., 35c; ½ pk., \$1.15; pk., \$2.25; 60 lbs., \$7.60; 100 lbs., \$12.50.

### BROWN SWEDISH BEANS.

Prices, by freight: Lb., 35c; ½ pk., \$1.10; pk., \$2.10; bu., \$7.00; 100 lbs., \$11.50.



Spring Rye.

### WHITE KAFFIR CORN.

Makes the best kind of fodder for cattle or horses. Easily grown. The seed is splendid for poultry.

Sow in rows 2½ to 3½ feet apart and cultivate the same as corn. Fifteen pounds will seed an acre in rows, or one-half bushel broadcast.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.50; 500 lbs. at \$3.25. Sacks free.



"A Field of Rape is of Inestimable Value in Maturing Profitable Porkers."—Breeders' Gazette.



# OLDS' SOY BEANS

Soy Beans are getting to be a staple crop in Wisconsin as well as in other states. We sold over half a million pounds of seed last year, nearly twice as much as the year before. The crop is again fine—clean, bright and high in germination and the price very reasonable.



Soy Beans on the Experiment Station Farm, Madison. (Courtesy Wisconsin College of Agriculture.)

## SOY BEANS

"When Clover Fails Plant Soy Beans," slogan of Wisconsin College of Agriculture.

### WHY GROW SOY BEANS?

- First. They yield large amounts of high protein forage, rich in feeding value. They not only make splendid hay, but are wonderful for silage, grown with corn.
- Second. The mature beans ground into meal make wonderful dairy feed.
- Third. They are very valuable for "hogging off" and "sheeping off."
- Fourth. They are adapted to nearly all soils and are especially valuable on soils too poor for other legumes.
- Fifth. Soy Beans are more resistant to frost than corn and they also stand hot weather.
- Sixth. The yield of other crops following Soy Beans is larger due to the fertility left in the soil.
- Seventh. They make a wonderful emergency crop when clover fails or when other crops are washed out or fail for any reason, as they can be put in late. No special machinery is required for handling.

**CULTURE.** If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed, in rows with corn planter or drill, a half bushel or a bushel of seed per acre may be profitably used, distributing the beans about one inch apart in the row. Rowing and cultivating, however, is not necessary. Thousands of farmers now are planting in solid drill, using a harrow or weeder and caring for large fields at small expense. Do not plant too early. Never before corn planting time. Always inoculate the seed before planting. See pages 4 and 5. Ask for Wisconsin Bulletin No. 375, "Soy Beans a Good Legume Crop."



## VARIETIES OF SOY BEANS

### MANCHU

By far the most popular soy bean in all the states of the Middle West and the most valuable. It has jumped into prominence ahead of everything else and is fast displacing other varieties. Early enough to fully mature under ordinary conditions and large enough to be of real value. It is a medium early variety, nearly as early as Ito San and quite a little larger. Matures dry beans in about 100 days. Originally from northern Manchuria. Seeds yellow with a peculiar black seed scar.

The favorite at the Wisconsin Experiment Station for hay and for silage and also for dry beans and very highly recommended by them. We really do not see why anyone should want any other variety as we consider Manchu the best of all Soy Beans for any purpose.

Prices: By mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 1/2 pk., 50c; pk., 95c; bu., \$2.95; 100 lbs., \$4.75; 500 lbs. or over at \$1.50. Sacks free.

### ITO SAN

Popular early variety. Produces small yellow beans. Prices: 1/2 pk., 55c; pk., \$1.05; bu., \$3.25; 100 lbs., \$5.25; 500 lbs. or over at \$5.00.

### BLACK EYEBROW

A trifle earlier perhaps than Manchu. The beans are yellow in color with a peculiar black blotch. Hence the name. Prices: 1/2 pk., 55c; pk., \$1.05; bu., \$3.25; 100 lbs., \$5.25; 500 lbs. at \$5.00.

### MIDWEST

The new name given to Medium Yellow, Mongol, Roosevelt and Hollybrook. Requires 120 days to mature. Prices: 1/2 pk., 50c; pk., \$1.05; bu., \$3.25; 100 lbs., \$5.25; 500 lbs. at \$5.00.

### A. K.

Similar to Midwest but 10 days earlier. Prices: 1/2 pk., 55c; pk., \$1.00; bu., \$3.10; 100 lbs., \$5.00; 500 lbs. at \$4.75.

**WISCONSIN BLACK.** Crop failed.

**NOTE:**—Prices are subject to change after Feb. 1st. Consult "Weekly Price List." We advise ordering early as prices are likely to be higher before spring. All prices include sacks. 2 oz. pkt. any variety soy beans 5c, postpaid. Pound prices, all varieties, same as for Manchu.





Field of Our Improved Early Amber, Grown in Minnesota. 14 per cent to 16.2 per cent and this, of course, is the important item. The fodder yield per acre has been increased and the growing period shortened from 3 to 5 days. We offer this as the very best seed obtainable for sorghum purposes.

#### PRICES OF WACONIA AMBER CANE:

Pedigreed Strain—By mail: Lb., 50c; 3 lbs., \$1.15. By freight: Lb., 45c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$15.00. Sacks free.  
Standard Strain—By freight: 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$6.50; 500 lbs., \$6.25. Sacks free.

#### SOUTHERN EARLY AMBER CANE.

Use this seed for fodder only. Not equal to our Minnesota grown seed but good stuff and cheaper.

Prices, by freight: 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Sacks free.

#### FETERITA.

The Great Drouth Resister.

Feterita is rather a recent introduction but it has already made a great name for itself. It is earlier than Kafir Corn, outyields it and is little affected by drouth. Culture, same as for Kafir Corn.



Sudan Grass in Full Bloom.  
(Courtesy Wis. Coll. of Agr.)

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.00; 500 lbs., at \$3.75. Sacks free.

#### MILO MAIZE.

A variety of sorghum, fine for dry weather. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing  $\frac{1}{4}$  of a pound each. Plant same as Kafir.

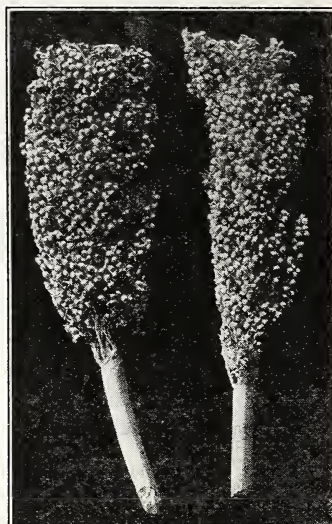
Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Sacks free.

## WACONIA AMBER CANE (SORGHUM)

Our Waconia Early Amber Cane Seed is Minnesota grown and from the largest sorghum growers in the United States, where they make a business of scientifically producing cane with the highest possible sugar content. The seed is absolutely pure Early Amber.

Pedigreed Waconia Amber. This year we have a new pedigreed strain of the Waconia Amber to offer. This pedigreed strain has been developed through a careful system of selection and plot breeding over a term of years. The Waconia people have been growing and selecting sorghum seed for 30 years and this new strain is the culmination of the work of all these years.

The sugar content of the pedigreed strain has been raised from 14 per cent to 16.2 per cent and this, of course, is the important item. The fodder yield per acre has been increased and the growing period shortened from 3 to 5 days. We offer this as the very best seed obtainable for sorghum purposes.



Feterita, the Great Drouth-Resister.

## SUDAN GRASS

Great for both Hay and Pasture.

Prof. Mortimer, of the Wisconsin College of Agriculture, places Sudan Grass second in value on the list of "Emergency Hay Crops," next to soy beans and better than millet or field peas. The following are some of the reasons why it is valuable:

**First.** It makes a heavy yield of hay, outranking all the millets in yield per acre. Yields of 2 to 4 tons of cured hay per acre from one cutting are common in Wisconsin. Two cuttings a season can often be made.

**Second.** It can be pastured. After the hay crop is taken off it makes a fine late pasture as it grows up again quickly. Or, it can be pastured all the season instead of being cut for hay.

**Third.** It makes a better quality hay than millet and is easily cured, making a bright, leafy, palatable hay. Prof. Mortimer says, "Cattle relish it because of its sweet flavor."

**Fourth.** It can be sown late, after you are through with your corn, or when corn fails. Sow any time from May 15th to July 1st, 20 to 25 pounds per acre. Do not sow too early. It is strictly a warm weather crop and if put in too early the seed will rot.

**Fifth.** It withstands long periods of drouth.

**Sixth.** It is very valuable as a smother crop, especially for quack grass.

We recommend Sudan Grass very highly. It grows quickly, produces enormously and is an easy crop to handle. It is strictly an annual and dies down at the end of the season. It has come to stay and is a staple crop now in Wisconsin.

Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 60c. By freight: Lb., 25c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$7.00; 500 lbs. or over, at \$6.75. Sacks included.

Ask us for Wisconsin Bulletin No. 359, "Emergency Hays and Pastures," mailed free on request.

**Note**—Bags free for everything on this page. Write for special prices in large quantities and for new price list after February 1st. Samples showing tests free.





## WHITE WONDER MILLET

### THE BEST MILLET.

White Wonder is the best of all the millets in our judgment.

**First.** It produces more tons of hay per acre than any other millet.

**Second.** In spite of the very large growth the foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay.

**Third.** White Wonder is earlier than either German or Common Millet and is well adapted to the north.

**Fourth.** It outyields any other millet as a seed crop. C. L. Newhouse, of Rock County, Wisconsin, secured an average yield of between 50 and 60 bushels of seed per acre.

**Fifth.** It has much longer and larger heads than any other millet. That is the reason for the big yield. George C. Snyder of Richland County, Wisconsin, sent us a dozen heads, the shortest one  $8\frac{1}{2}$  inches long, the longest 11 inches, one head measuring  $4\frac{1}{4}$  inches in circumference.

We recommend White Wonder most highly. Prices are low this year.

### PRICES OF WHITE WONDER FOR 1929:

By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Bags extra at 35c.

### MAMMOTH RUSSIAN SUNFLOWER.

A great food for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn. Prof. E. J. Delwiche of the Ashland Experiment Station reports that the last fall that sunflower greatly outyielded corn for the tenth consecutive season, yielding 14.4 tons of silage per acre while corn yielded only 4.22 tons. Prof. Delwiche recommends sunflower very highly for a silage crop.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 80c. By freight: Lb., 30c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$8.00; 500 lbs. at \$7.75. Bags free.

### SAND VETCH OR WINTER VETCH.

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and  $\frac{1}{2}$  bushel grain per acre, oats or barley in the spring, rye in the fall. Makes very fine fall and winter pasture and it can also be pastured in early spring. It not only makes the finest kind of feed, but it brings fertility to the soil.

Prices, by mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$12.50; 500 lbs. at \$12.25. Bags free.

### STOCK VEGETABLES.

As we specialize in farm seeds and so do a large business direct with the farmers we receive many large orders for Stock Vegetable Seed. We are able to make the following low prices on these items in quantity:

**MANGELS and SUGAR BEETS.** See page 35.

**Mammoth Long Red, Giant Eckendorf, and Golden Tankard:** Lb., 55c; 5 lbs. at 50c; 10 lbs. or over at 45c.

**Giant Half Sugar, Klein Wanzleben and Danish Sludstrup.** Lb., 60c; 5 lbs. at 55c; 10 lbs. or over at 50c.

**CARROTS.** See page 38.

**Mastodon:** Lb., 80c; 5 lbs. at 60c; 10 lbs. at 50c.

**Oxheart:** Lb., 95c; 5 lbs. at 85c; 10 lbs. at 75c.

**Danvers Half Long:** Lb., \$1.20; 5 lbs. at \$1.00; 10 lbs. or over at 85c.

**PUMPKIN.** See page 53.

**Large Conn. Yellow Field:** Lb., 60c; 5 lbs. at 50c; 10 lbs. or over at 40c.

**King of Mammoths:** Lb., \$1.45; 5 lbs. at \$1.15; 10 lbs. or over at \$1.00.

**TURNIPS and RUTABAGAS.** See page 62.

**Purple Top Strap Leaf Turnip:** Lb., 60c; 5 lbs. at 45c; 10 lbs. at 35c; 100 lbs. or over at 30c.

**Purple Top White Globe:** Lb., 70c; 5 lbs. at 55c; 10 lbs. at 40c; 100 lbs. at 35c.

**Improved Purple Top Rutabaga:** Lb., 70c; 10 lbs. or over at 35c.

(Note:—The above prices are for shipment by freight or express.)



### GERMAN MILLET.

The most popular of all the millets. German is a tall growing variety with large stout stems, leaves broad and stiff. The seed heads are usually about an inch in diameter, of good length and well filled out with seed, which is of a yellow or golden color. For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

Prices: By freight: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.25; 500 lbs. at \$4.00. Grain bags extra at 35c.

**COMMON MILLET.** A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Many farmers prefer it.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Grain bags extra.

**SIBERIAN MILLET.** Hardier and earlier than German Millet. Reddish seed. A very popular variety, especially in the Northwest.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Bags extra.

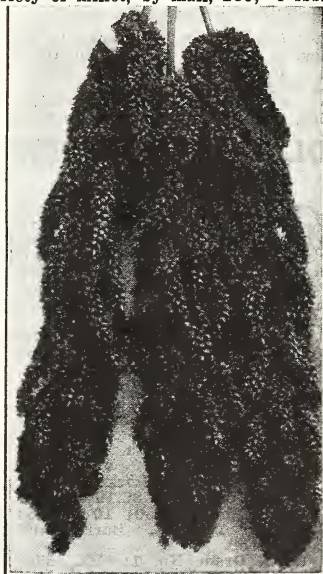
**HOG OR BROOM CORN MILLET.** Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, as high as 60 or 70 bushels per acre. This seed is very valuable for poultry.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Bags extra.

**JAPANESE MILLET.** (Billion Dollar Grass). A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre. Crop was again short the past season.

Prices: 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$7.00; 500 lbs. or over at \$6.75. Bags extra.

(One pound, any variety of millet, by mail, 25c; 3 lbs., 60c. By freight: Lb., 20c.)



Japanese Millet.



# OLDS' SEED POTATOES



**OUR FIRST REPUTATION WON IN SEED POTATOES.** Our Mr. Olds began business back in 1888, 41 years ago, with nothing but Seed Potatoes. At that time as a young man he was greatly interested in growing and trying out all of the many new varieties that were being introduced about that time all over the country, exhibiting on a large scale these potatoes at State and National Fairs and Expositions and then in describing and offering seed of the best of the list. From that experimental beginning a large business developed until our annual sales in Seed Potatoes alone some years ran as high as 35,000 to 40,000 bushels, shipped direct to farmers all over the country.

**STANDARD VARIETIES USED EXCLUSIVELY NOW.** Of late years the introducing of new varieties has been rather discouraged and efforts have been concentrated on improving a few standard varieties that have been found to be the most satisfactory and outstanding so that now we have only a comparatively few varieties, the best early and late sorts. Our constant aim now is to have the healthiest and most productive strains of these different varieties.

**CERTIFIED STOCK.** Most of our potatoes are certified. The early varieties are Red River grown and are Minnesota or North Dakota State Certified, while the late varieties are Northern Wisconsin grown and Wisconsin State Certified. This means in both cases that they were inspected while growing in the field by an official state inspector and again in the bin after being dug and both times passed the necessary requirements. The stock is free from mixture, free from late blight rot, black leg, powdery scab and from serious infection with any other disease and conforms reasonably to the correct vine and tuber characteristics of the variety. The stock must be graded to a minimum size of 1½ inches in diameter. The Wisconsin Certified stock must also comply with the requirements of "Badger State Brand."

**U. S. GOVERNMENT GRADE NO. 1.** We offer at lower prices, stock of most varieties that is uncertified, but that conforms to the requirements of U. S. Grade No. 1. That is, stock that is practically free from scab, blight, dry rot and damage caused by disease and graded to a minimum size of 1½ inches. The stock is all northern grown, coming from the same sections as the certified stock and practically pure. We offer it as very desirable seed stock.

**CONTAINERS FREE.** Our barrels hold exactly 172 pounds each, net weight, and prices include barrels. Smaller orders are shipped in sacks or boxes. No charge for containers of any kind for potatoes. We begin shipping early in March, securing refrigerator service and lining barrels up to April 1st. After that we ship mostly in sacks. The sack is the unit now rather than the barrel, 2 bushel sacks for Red River, 2½ bushel sacks for Wisconsin stock.

**POTATO PRICES.** The prices given in this catalog are good until February 1st only. They may have to be advanced somewhat after that date. Certainly they are low enough now and this is the year to secure new seed when it is plentiful and the price so reasonable. Order Olds' improved strains and have the very best Seed Potatoes possible to secure.

## OLDS' RED RIVER IRISH COBBLER.

Irish Cobbler seems to continue to increase in popularity. People like a white potato. It is famous now the country over. Largely grown for the early market by the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States. It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties.

On our trial grounds Irish Cobbler yielded a third more than Early Ohio, although not quite as early. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

Our Irish Cobblers this year are all Red River grown and we have Certified Stock as well as uncertified. The uncertified are all U. S. Grade No. 1 and practically pure and free from disease although not officially certified.



Prices, Certified Stock: ½ pk., 35c; pk., 60c; bu., (60 lbs.) \$2.00; 2 bus. at \$1.90; bbl. (172 lbs.), \$5.25; 10 bus. (in sacks) at \$2.75 per 100 lbs. Barrels and sacks free.  
U. S. Grade No. 1 (Uncertified): Pk., 55c; bu., \$1.75; 2 bus. at \$1.65; bbl., \$4.50; 10 bus. or over (in sacks) at \$2.25 per 100 lbs.

**POUND PRICES.** Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 50c, postpaid. Freight or express: Lb., 20c. Not less than one pound of a variety sold.

## OLDS' RED RIVER TRIUMPH

Bliss' Triumph is a standard extra early. The earliest in fact of all varieties. Largely grown now for market in the south and southwest. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Triumphs cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. The certified stock is all Red River grown but our U. S. No. 1 stock is from Sawyer County, Northern Wisconsin.

Prices, Certified Stock: ½ pk., 35c; pk., 65c; bu., \$2.10; 2 bus. at \$2.00; bbl., \$5.50; 10 bus. at \$2.90 per 100 lbs. Barrels and sacks free.

U. S. Grade No. 1: Pk., 55c; bu., \$1.80; 2 bus. at \$1.70; bbl., \$4.65; 10 bus. at \$2.35 per 100 lbs.



Olds' Certified Red River Triumphs.



## OLDS' IMPROVED RED RIVER EARLY OHIO

The well known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. Its earliness, smoothness and shallow eyes are its outstanding features. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed. It is even very common to find Ohios all mixed up with Early Rose or some other variety with smooth skin and pointed ends. A typical Early Ohio should have blunt rounded ends, with the cluster of eyes at the seed end right out flush with the surface.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our stock showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them to customers all over the United States.

We have both certified and uncertified stock of Red River Early Ohios. Both stocks are fine. The uncertified stock or U. S. No. 1 is practically pure and practically free from disease and is splendid seed stock; way ahead of ordinary Early Ohios.

Order early if possible as while there are plenty of potatoes in general this year the best Red River Ohios are not so plentiful, and we will surely be sold out later in the season. Prices are subject to change after February 1st.

### PRICES OF OLDS' IMPROVED RED RIVER EARLY OHIOS FOR 1929.

Red River, Certified Stock:  $\frac{1}{2}$  pk., 35c; pk., 60c; bu., \$2.00; 2 bus. at \$1.90; bbl., \$5.25; 10 bus. (in sacks) at \$2.75 per 100 lbs. Containers free.  
Red River, U. S. Grade No. 1:  $\frac{1}{2}$  pk., 30c; pk., 55c; bu., \$1.75; 2 bus. at \$1.65; bbl., \$4.50; 10 bus. (in sacks) at \$2.25 per 100 lbs.

## TREAT YOUR SEED POTATOES WITH SEMESAN BEL

Semesan Bel, the wonderful new Seed Disinfectant, destroys the diseases which sap the vitality of seed potatoes, gives the seed a chance to germinate quickly and produces sprouts of healthy vigor.

Semesan Bel controls scab and rhizoctonia, hastens sprouting, makes a more even stand, improves the quality of the crop and increases the yield. Large potato growers have reported as high as 43 per cent increase in yield from the use of Semesan Bel.

Semesan Bel is very easily applied by the instantaneous dip method. Simply mix, dip, drain and dry and your seed is ready for planting. May be used on either whole or cut potatoes. One pound treats 16 to 20 bushels, so the expense is very slight.

### SEND FOR 48 PAGE SEED POTATO BOOK

"Semesan Bel, The Premier Disinfectant for Potatoes."

This book discusses fully the need for Seed Potato Treatment, the advantages of the Semesan Bel treatment over other treatments and gives full instructions for applying the same.

It also reports in detail results secured from the use of Semesan Bel by many prominent potato growers located in different sections of the country. They tell how yields were greatly increased, scab and rhizoctonia destroyed, maturity hastened, potatoes of high quality produced and profits made much larger.

The book is very attractive and completely illustrated. Mailed free on request,



**Prices of Semesan Bel:**  
4 oz. size .... \$ .50  
1 lb. size .... 1.75  
5 lb. size .... 8.00  
25 lb. size .... 31.25  
100 lb. size .... 120.00  
(Not mailable.)



### Treated Seed Bears True-to-Type Potatoes.

The potatoes from the untreated plot as shown by the sample at the left were badly blemished by scab and rhizoctonia, while those from Semesan Bel treated seed were smooth and clean and of high value.

The yield of the treated plot was also far ahead of the yield of the other plot. Treating with Semesan Bel pays big,





A Basket of Olds' Certified Improved Rural New Yorkers.

## OLDS' IMPROVED RURAL NEW YORKER.

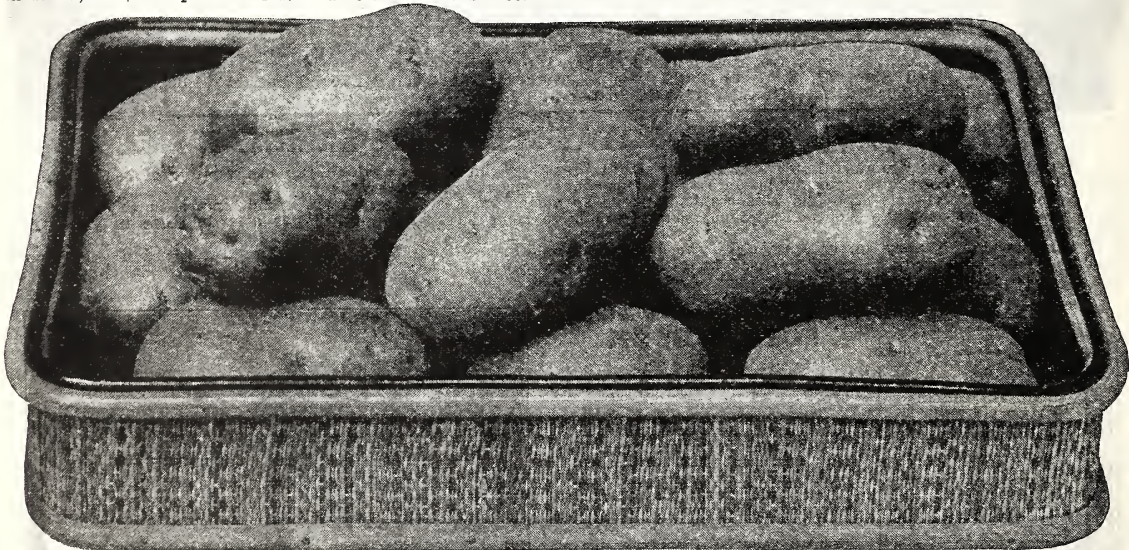
### THE POTATO FOR EVERYBODY

Rural New Yorker is the most popular main crop variety in cultivation today. Its outstanding characteristics are—its beautiful smooth white skin, its inconspicuous eyes and its great yielding qualities. It does the best of any variety as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other variety. It is easily grown, a good keeper and always yields well. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals, all Northern Wisconsin grown, mostly from Sawyer county. Ask for special prices in large quantities and for new prices after Feb. 1st.

Prices, Certified:  $\frac{1}{2}$  pk., 35c; pk., 60c; bu., \$1.85; 2 bus. at \$1.75; bbl., \$5.00; 10 bus. or over, in sacks, at \$2.50 per 100 lbs. Barrels and sacks included.

U. S. Grade No. 1, Uncertified:  $\frac{1}{2}$  pk., 30c; pk., 55c; bu., \$1.75; 2 bus. at \$1.65; bbl., \$4.50; 10 bus. or over, in sacks, at \$2.25 per 100 lbs. Barrels and sacks free.



Olds' Certified Improved Green Mountains.

## OLDS' IMPROVED GREEN MOUNTAIN

### The Variety for Sandy Soils.

Green Mountain is perhaps the most popular variety in the potato counties of northern Wisconsin. It is somewhat earlier than Rural New Yorker and a little ahead of Rural in quality. We would call it about medium in season. Does specially well on sandy soils. On clay soils is liable to grow rough.

Green Mountain is a vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white.

A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy. Our stock is all certified stock and all grown in Northern Wisconsin. Secure new seed this year when the price is low.

Prices, Certified:  $\frac{1}{2}$  pk., 35c; pk., 60c; bu., \$1.85; 2 bus. at \$1.75; bbl., \$5.00; 10 bus., in sacks, at \$2.50 per 100 lbs. Barrels and sacks free. Ask for special prices in large quantity.



**OLDS' WHITE BEAUTY**  
Introduced in 1919



## OLDS' WHITE BEAUTY

We introduced this potato ten years ago. It is a heavy yielding, high quality, main-crop variety. It has a distinct origin starting from a single seed ball in 1911.  
**Description.** Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms. Season medium, a little earlier than Rural.

Olds' White Beauty is a variety of real value. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety; but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. The North Dakota Experiment Station reported an official yield on it of 466 bushels per acre. On our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

Our White Beauties this year are all Northern Wisconsin grown from Mr. N. B. Dexter, who has furnished us such fine stock in the past. Part were entered for certification as Rurals and passed the state requirements for that variety although they are really White Beauty instead of Rurals. We have therefore Certified White Beauties to offer.

### PRICES OF OLDS' WHITE BEAUTY FOR 1929.

Certified: Half pk., 35c; pk., 60c; bu., \$2.00; 2 bus. at \$1.90; bbl., \$5.25; 10 bus. at \$2.75 per 100 lbs.  
U. S. No. 1: Pk., 60c; bu., \$1.85; 2 bus. at \$1.75; bbl., \$5.00; 10 bus. at \$2.50 per 100 lbs.

**Pound Prices.** Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 50c; postpaid. By freight or express: Lb., 20c. Not less than one pound of a variety sold.

**Collection Barrels.** We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents. Barrels and sacks are free.

Prices Subject to Change. Prices are in effect until February first. Ask for "Weekly Price List" after that date.

## POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each, labeled and carefully packed in damp moss in paraffin lined boxes. Orders will be filled at the right time for planting. We guarantee safe arrival in good condition.

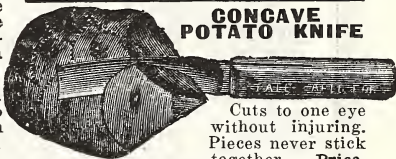
F. B. Spear, Kansas, writes: "The potato eyes which I got of you did exceedingly well. Every one made a hill of fine potatoes."

### PRICES OF POTATO EYES, ALL VARIETIES.

- 160 Eyes, (one box) one variety, your selection, \$1.50 by mail, postpaid.
  - 160 Eyes, (one box) two varieties, your selection, \$1.60, postpaid.
  - 160 Eyes, (one box) four varieties, your selection, \$1.70, postpaid.
  - 480 Eyes, (3 boxes) all one variety, \$3.50 by express, not prepaid.
  - 480 Eyes, (3 boxes) three varieties, \$3.75 by express, not prepaid.
- (No orders accepted for less than 160 eyes.)

**TREAT YOUR POTATOES  
WITH SEMESAN BEL.**  
See page 25.

## CONCAVE POTATO KNIFE



Cuts to one eye without injuring. Pieces never stick together. Price,

35c; 3 for 90c, postpaid.

### POTATO FERTILIZERS.

It will pay you well to use Commercial Fertilizers for your potatoes. That is the way big yields of fine tubers are secured. We recommend either 4-8-6, "Truck Gardeners' Special" or 2-12-6, "Tobacco and Beet Grower." See page 92. Ask for bulletin, "Fertilizing Potatoes."





## OLDS' GARDEN SEEDS

**HIGH QUALITY SEEDS.** Our Garden Seeds are good seeds. There are none better. Other catalogs may use more superlatives and show more colored pictures but their seeds are no better and in some cases not as good. Our seeds are **Northern Grown** and that is a great advantage for northern planting.

**TESTED SEEDS.** We test carefully for germination every lot of seed as it comes in, discarding any lots that do not come up to the Wisconsin standard.

**WISCONSIN SEEDS OF HIGH GERMINATION.** Most every farmer, in Wisconsin, at least, knows that our state has a wonderfully effective seed law. But it is not generally known that this law includes Garden Seeds, as well as Field Seeds, so far as germination is concerned. That is, high standards of germination are established by the law for the different kinds of vegetable seeds and if any lot of seeds falls below the standard set the percentage of germination must show on the package. This insures high testing seed, as no seed house wants to send out seeds showing a low test on the package.

**GUARANTEED SEEDS.** See what we say about guaranteeing quality on page one. Our seeds must prove as represented. If they do not we refill or refund.

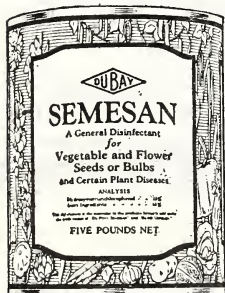
**STARRED VARIETIES.** Varieties marked with a star are those that we specially recommend for general cultivation. Where our Trade Mark appears it indicates varieties that we have been instrumental in introducing.

**POSTPAID PRICES.** Our prices on Vegetable Seeds, Flower Seeds, Bulbs and Plants include free delivery to any Post Office in the United States, unless otherwise stated. See tables of freight and parcel post rates on page one.

**LARGE PACKETS.** All our packets of Beans, Peas, Sweet Corn and Pop Corn contain two ounces each. Some of our competitors will give you only one ounce in a packet. Our other vegetable seed packets are unusually large, four to the ounce of most of the standard vegetables.

**COLLECTION OFFERS.** We sell 30 regular packets of Standard Varieties of Vegetables for One Dollar Postpaid. See inside back cover. Note also our wonderful Gladiolus Collection in colors on the inside front cover.

**MARKET GARDENERS' PRICE LIST.** If you are a market gardener and use seeds in large quantity ask for our "Market Gardeners' Wholesale Price List." It will save you money.



**PRICES OF SEMESAN:**  
2 oz. size, 50c; 8 oz. size, \$1.60; 1 lb. size, \$2.75; 5 lb. size, \$13.00.  
(Not available.)

## SEMESEAN MAKES SEEDS HEALTHY

"Seed Disinfection" is the modern slogan. It is well known now that there are a great many seed borne fungous and bacterial diseases that cut down yields unless destroyed or controlled. Semesan, the wonderful new seed disinfectant, can be easily applied and the cost is very slight,  $\frac{1}{4}$  cent to one cent per pound.

Semesan produces results with all kinds of vegetable crops, increasing yields in some cases as high as 33 per cent. Specific reports have come in from large growers of such crops as garden beans, cabbage, cauliflower, celery, cucumbers, sweet corn, egg plants, onions, peas, peppers, melons, spinach, squash, tomatoes, turnips and in fact nearly everything in the vegetable line.

One bean grower writes: "We treated 150 acres of stringless bean seed with Semesan and had the largest crop of our experience. In many cases the treated seed yielded as high as 20 bushels per acre more."

Roy I. Shaw, Twin Falls, Idaho, writes: "My neighbor planted the same variety at the same time on just as good soil as my own. My Semesan-treated peas were away ahead of his at all stages and matured fully ten days sooner. Believe from appearance of the two patches that I had twice as large a yield."

Semesan is recommended by Government Experts, Agricultural Colleges, County Agents and large growers in every section of the country. You should be using this effective crop protection.

"SEMESEAN PRODUCES MORE AND FINER VEGETABLES."

A 64 Page Illustrated Book Mailed Free on Request.

This book tells the complete story of what Semesan has done for different crops in different sections of the country, what its possibilities are, how to use it to best advantage and just why it is of such great value.

ASK FOR A COPY.



## OLDS' NEW AND NEAR NEW VEGETABLES

Our "New and Near New Vegetables" offered here and on the next page are all varieties of real merit in their respective classes. Each one is we believe a decided improvement over the best of the old varieties of the same type, while some are in altogether new classes. The grower who exhibits these varieties will find them sure to bring prizes.

Every up-to-date gardener should include them in his list, or some of them at least. The home gardener also we believe will find them an improvement over the old sorts and they will be admired by all who see them and will certainly afford the grower a lot of pride and pleasure. While engaged in growing vegetables why not grow the best!

### NEW SWEET CORN GOLDEN SUNSHINE

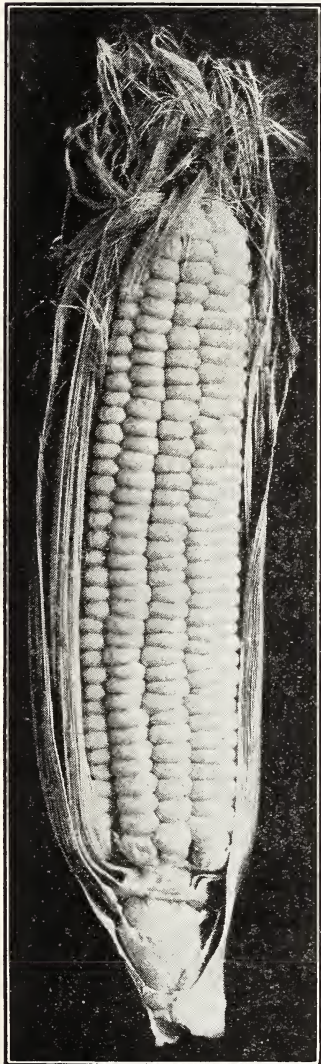
#### 148. GOLDEN SUNSHINE SWEET CORN.

This new valuable variety was developed and introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station. It has a rich golden color; the ears are about one inch longer than Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 7 to 10 days earlier than Golden Bantam. Our stock of this new corn is especially fine. Pkt., 15c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.15, postpaid.

#### 172. LONG- FELLOW.

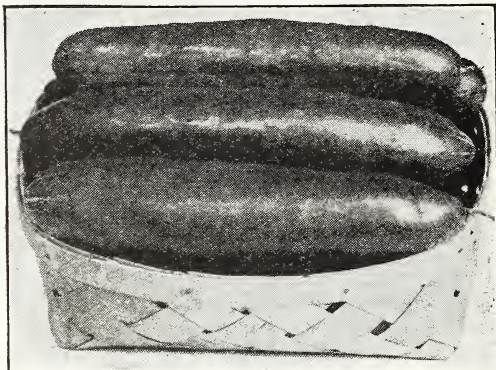
The ideal variety where an extra long slicing cucumber is desired, either for growing in the greenhouse or for field culture. The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. This makes them very firm and of excellent keeping quality.

"Longfellow" is real dark green and will hold this color until ripe. All growers that cater to a fancy trade want this variety, as it is a money maker for them, producing cukes of just the right size, shape and color. A very shy seeder, hence the price will always be comparatively high. Pkt., 15c; oz., 35c; ½ lb., \$1.00; lb., \$3.00, postpaid.



Golden Sunshine. (See back cover.)

### NEW CUCUMBER LONGFELLOW



Longfellow Cucumber.

See single specimen in natural colors on our fourth cover page. Pkt., 15c; oz., 35c; ½ lb., \$1.00.

### NEW PEA LAXTON'S PROGRESS



Laxton's Progress. (See also back cover.)

336. **LAXTON'S PROGRESS PEA.** The most recent introduction of real merit in the list of large pod dwarf peas and an ideal sort for the small home gardener where space is at a premium. "Progress" grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4½ inches long, well filled with 8 to 10 deep green, large peas of wonderful flavor. The peas are ready to gather within 60 days from the time the seed is sown, making them a few days earlier than the Laxtonian or Blue Bantam. This variety is hardy and may be planted along with the smooth, hard seeded varieties. Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00, postpaid.



# OLDS' NEW AND NEAR NEW VEGETABLES

## New Cabbage—Golden Acre

## New Tomato—Marglobe



Golden Acre Cabbage.

73. **★NEW GOLDEN ACRE.** Earliest of all round headed varieties. We offered it two years ago for the first time. It is an extra early selection of the Copenhagen type, maturing with Jersey Wakefield. Tests covering several years indicate that heads nine inches in diameter are produced in 80 days from the time seed is planted. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.90; lb., \$6.00, postpaid.

## New Pepper—Harris' Early Giant



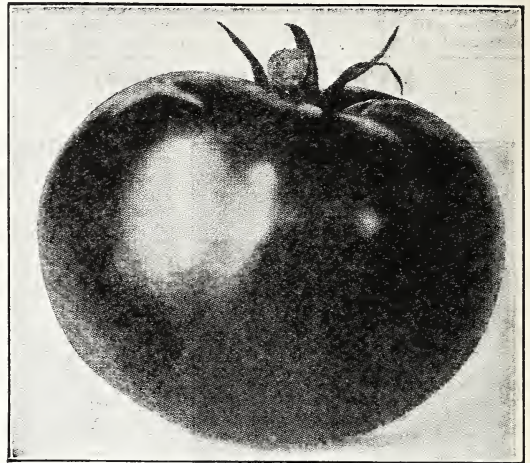
Harris' Early Giant.

353. **HARRIS' EARLY GIANT PEPPER.** The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, 10 inches to 2 feet tall and covered with enormous peppers. One grower reports that he picked 45 and filled a bushel crate.

The peppers average 5 inches in length and 3½ inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Do not fail to try this variety. Pkt., 15c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.

### OUR COLORED PAGES

On the back cover of this catalog we show four of our leaders of the new vegetables in natural colors, while on the front cover we have four of the best in the season's flower novelties. We hope our friends will all try these new varieties. They are all well worthy of trial and the prices are reasonable.



Marglobe Tomato. (See back cover.)

433. **★NEW MARGLOBE.** Wilt resistant and rust resistant. A new variety that is attracting a lot of attention. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe tests. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 15c; ½ oz., 40c; oz., 65c; ¼ lb., \$1.90; lb., \$6.00, postpaid.

## New Beet Early Wonder



Early Wonder.

43. **★OLDS' EARLY WONDER.** A selection from Crosby's Egyptian.

We offered it for the first time three years ago. We think now it is just a little nearer perfection than anything we have ever offered before in the beet line. Very uniform dark red, globe shape, small top. Especially good for late planting although in the extra early class; 45 days for maturity. Early, hardy, productive and handsome. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

## New Watermelon—Sweetest and Earliest

264. **SWEETEST AND EARLIEST.**

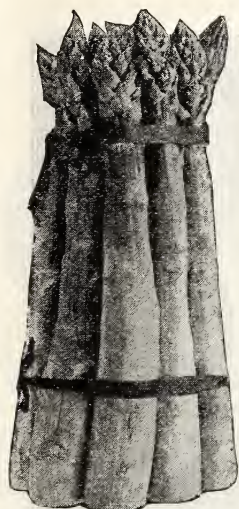
This melon is just what its name indicates—the earliest and sweetest of all. The size is medium. Does not exceed in weight 20 lbs., averaging from 10 to 15 pounds. The flesh is scarlet, of extra fineness and sweetness, entirely free from stringiness, and fairly melts in your mouth. This variety is one of the most prolific known, and the plant is of hardy and vigorous growth. We expect it will become extremely popular. It is a cross between Mountain Sweet and Cole's Early, combining the better qualities of both. Fruits are of attractive appearance, the rind being mottled with several shades of green. Has black seed. Ripe melons in 65 days. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.



Sweetest and Earliest.



## ASPARAGUS OLDS' ASPARAGUS PLANTS



Mary Washington Giant  
Rust Proof.

The growing of asparagus plants is one of our specialties. On our own farm where the rich, loose soil seems to be particularly adapted to making strong root growths, we have thousands of the very best plants that can possibly be produced. An asparagus bed is a sort of permanent affair, the average life of which is about fifteen to twenty years so in starting a new bed it is important to obtain the very best.

The Mary Washington Giant Rust Proof is our main variety. We have been growing the plants for several years and we have them in both one and two-year-old sizes.

6. **MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties, and apparently immune from rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners.

Seed: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50. Plants—One year old, 25 for 75c; 50 for \$1.25; 100 for \$2.00. Two year old, 25 for \$1.00; 50 for \$1.75; 100 for \$2.50, postpaid. Not prepaid, one year old, 100 for \$1.75; 1,000 for \$11.00. Two years, not prepaid, 100 for \$2.25; 1,000 for 15.00; 500 at the 1,000 rate.

(We recommend One Year Plants in preference to Two Year. They are cheaper, they are more easily planted because of having shorter roots and after the first year they will produce more.)

2. **COLUMBIAN MAMMOTH WHITE.** A vigorous grower and heavy yielder. The thick shoots are white and remain so. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid. Plants, one year old, 25 for 45c; 100 for \$1.60. Two year old, 25 for 75c; 100 for \$2.00, prepaid. Not prepaid, one year, 1,000 for \$7.50; two year, 1,000 for \$10.00; 500 at the 1,000 rate.

5. **PALMETTO.** A very heavy grower. Shoots large, dark green, with pointed tips. Prices same as for Columbian Mammoth White.

### BRUSSELS SPROUTS.

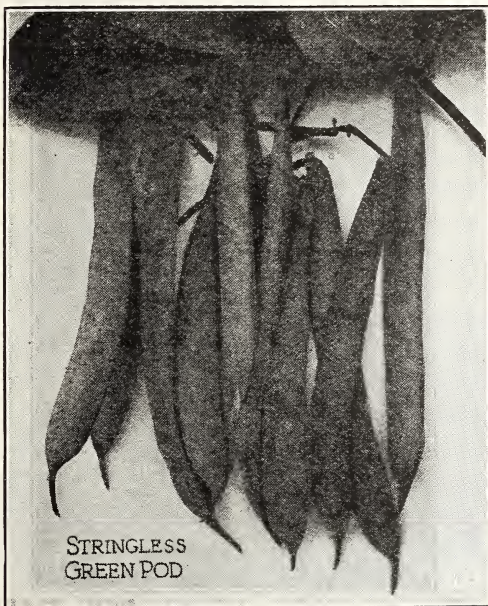
65. **OLDS' NEW DANISH.** The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalks are as fine and solid as those further up. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00, postpaid.



## BEANS—GREEN POD

Every one of our bean packets contains full two ounces and will plant 10 to 15 feet of drill. A pound of beans will plant 75 to 100 feet. An acre requires 1 to  $1\frac{1}{2}$  bushels. Use Nitragin or Old Gold Inoculation on the seed.

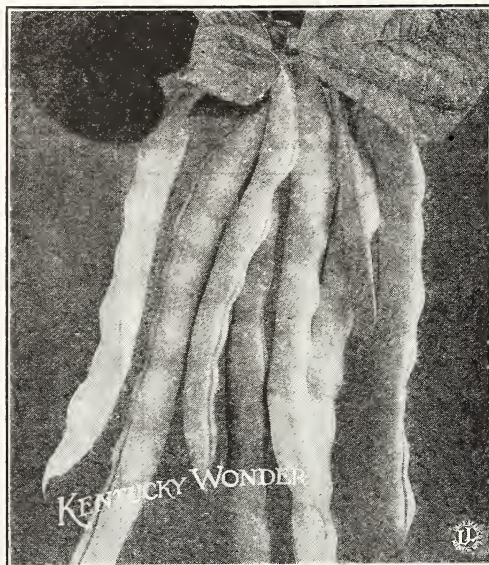
25 pounds or over any variety of beans at the hundred pound rate.



STRINGLESS  
GREEN POD

15. **★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. A bush or dwarf variety. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. We recommend this variety above all others if a green pod is wanted. Large 2 oz. pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.60, postpaid. Not prepaid, 100 lbs., \$25.00. 25 lbs. or more at 100 pound rate.

13. **BOUNTIFUL.** The best green pod bush in our judgment next to Stringless Green Pod. The pods are flat instead of round, stringless, attractive and of good quality. Early, hardy and very productive. Pkt., 10c;  $\frac{1}{2}$  lb., 30c; lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 100 lbs., \$35.00.



38. **★KENTUCKY WONDER.** (Old Homestead.) Without doubt the most popular and useful of the green podded pole beans and by far the most widely grown. The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Large 2 oz. pkt., 10c;  $\frac{1}{2}$  lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid. Not prepaid, 100 lbs., \$16.00.

12. **IMPROVED EARLY RED VALENTINE.** (Round Pod.) A green pod bush variety, early, hardy, productive. Pods round, crease-backed. An old favorite. Pkt. 10c;  $\frac{1}{2}$  lb., 30c; lb., 50c; 2 lbs., 90c, postpaid.

19. **REFUGEE OR THOUSAND-TO-ONE.** A very productive, hardy, vigorous, late green pod bush variety. Pkt., 10c;  $\frac{1}{2}$  lb., 25c; lb., 45c; 2 lbs., 80c, postpaid.



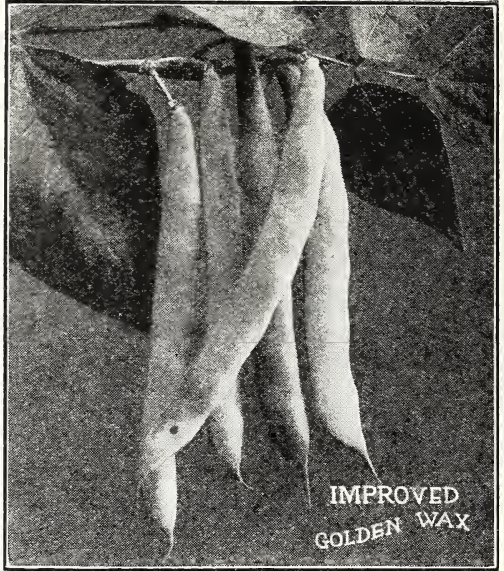
# BEANS—WAX POD

25 pounds or more any variety of beans at the hundred pound rate.



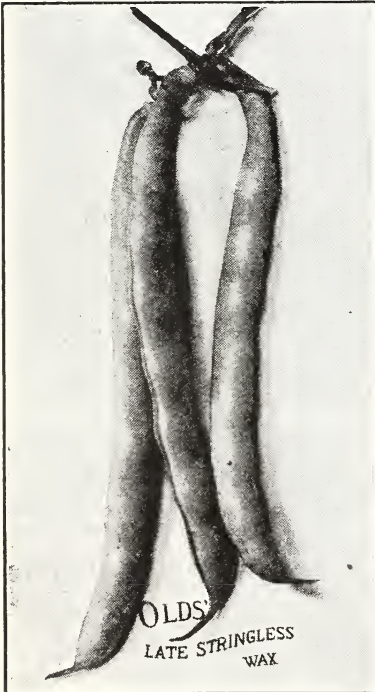
Olds' Early Stringless Wax.

**20½. ★OLDS' EARLY STRINGLESS WAX.** A cross between Burpee's Stringless Green Pod and Valentine Wax, and a decided improvement over both. It possesses earliness, hardness, vigor. The pods are light yellow in color, well filled, tender, and of a delicious flavor. This bean is our leader in wax-pod varieties. Large 2 oz. pkt., 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.75, postpaid. Not prepaid, 100 lbs., \$24.00; 25 pounds or over at 100 pound rates.



IMPROVED  
GOLDEN WAX

**20. ★IMPROVED GOLDEN WAX.** The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are large and handsome; of rich golden-yellow color. Large 2 oz. pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$20.00.

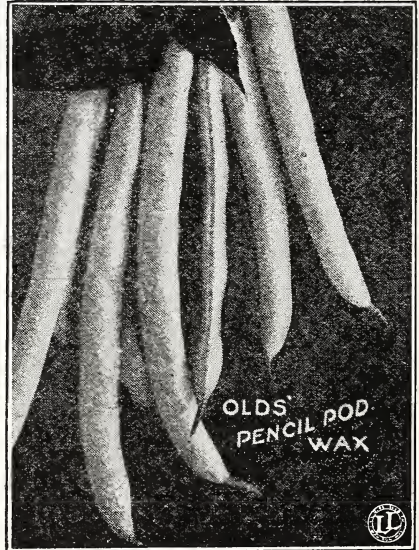


OLDS'  
LATE STRINGLESS  
WAX



Kentucky Wonder  
Wax.

**38½. K E N TUCKY WONDER WAX.** An early Pole Wax sort. Pkt. 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c, postpaid. 100 lbs., \$22.00.



OLDS'  
PENCIL POD  
WAX

**24. ★OLDS' PENCIL POD BLACK WAX.** Best of all the dwarf black-seeded wax varieties. A long, straight, round-podded, crease-back bean. Early and very productive; entirely stringless and a clear yellow in color. Large 2 oz. pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.60, postpaid. Not prepaid, 100 lbs., \$22.00.

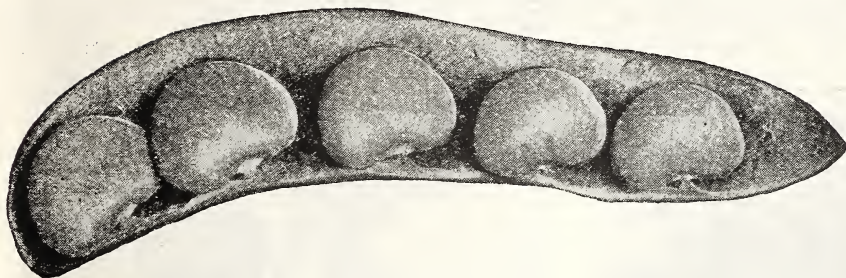
**22. DAVIS WHITE KIDNEY WAX.** While belonging to the wax or yellow class the Davis is lighter in color. The pods are long, white, straight. A market gardener's variety. Pkt., 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 100 lbs., \$25.00.

**19½. OLDS' LATE STRINGLESS WAX.** A selection from Stringless Green Pod but strictly a wax variety. Not extra late. Pkt., 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 100 lbs., \$25.00.



## BEANS—LIMA

25 pounds or more any variety of beans at the hundred pound rate.



Burpee's Improved Bush Lima.

34. **★BURPEE'S IMPROVED BUSH LIMA.** Early, large and productive. Both beans and pods are larger than in the old type, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth, upright and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. There is nothing quite so delicious as green Lima beans fresh from your garden. Large 2 oz. pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.60, postpaid. Not prepaid, 100 lbs., \$23.00.

31. **HENDERSON'S BUSH LIMA.** A small bean. The bush is not as large, but it is earlier than any other Bush Lima. Pods are small, containing 3 or 4 small, flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid. Not prepaid 100 lbs., \$16.00.

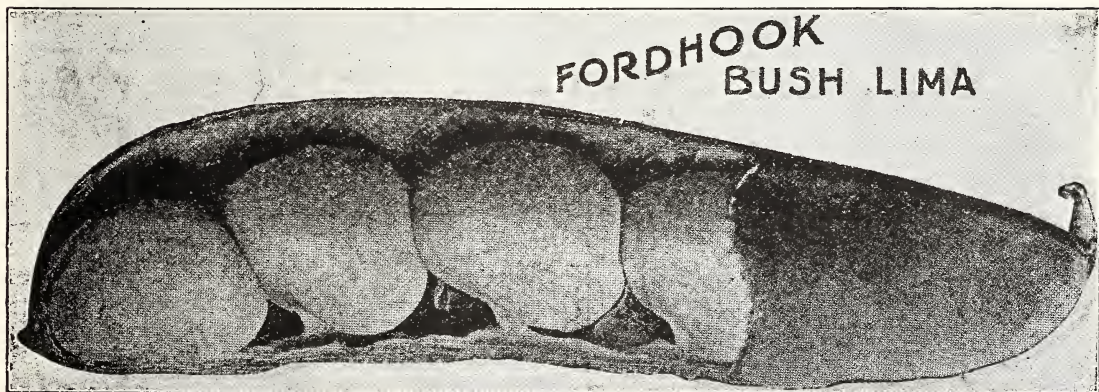
33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average eight inches in length, with from five to seven beans in a pod, excellent for use, green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$20.00.

30½. **DREER'S POLE LIMA.** This variety of lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods. The beans are oval in shape, thick, sweet and succulent. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$20.00.

39. **SCARLET RUNNER.** A pole bean that is really a climbing bean and very ornamental. The blossoms are purple or scarlet, the pods a beautiful green, shading to wine color when ripe. The large, showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but the beans are good to eat, both as snap and shelled beans. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 100 lbs., \$25.00.

14. **NAVY BEAN or BOSTON BAKED BEAN,** as it is sometimes called. Popular since the time of the Civil War. Don't give it rich soil. Cultivate well, but never cultivate or disturb any crop of beans while wet with either dew or rain, as it is always sure to produce rust or blight. Pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid. Not prepaid, 100 lbs., \$12.50.

We have a good recipe for **BOSTON BAKED BEANS** free for the asking.



34½. **FORDHOOK BUSH LIMA.** The highest in quality and the most prolific of all the Bush Lima Beans. An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; from four to five inches long, and produced in large clusters; they contain from 3 to 5 large beans each and are of fine quality. The beans are white, with greenish tinge, thick and meaty. Large 2 oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.80, postpaid. Not prepaid, 100 lbs., \$30.00.



**FOR GARDEN BEANS.** Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for 8 pounds, 22c, postpaid. Not prepaid, 20c. (The same culture may be used for Peas also.)

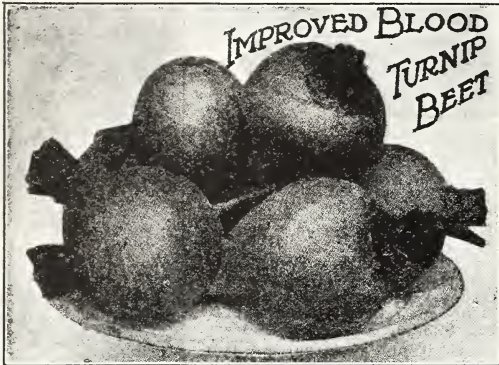
OLD GOLD INOCULATION (Jelly form) AT SAME PRICES. SEE PAGE 5



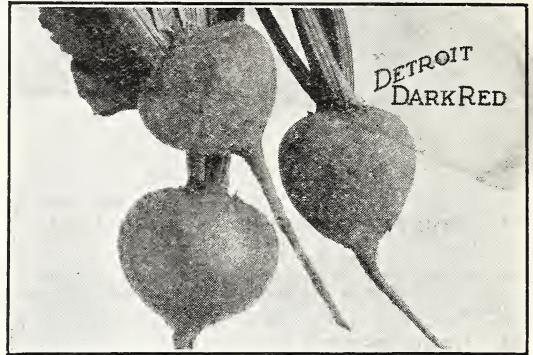
# BEETS

The best soil for beets is a deep, sandy loam. However beets are easily grown and will do well on most any good soil. For early beets, plant as early in the spring as the ground can be worked, following a little later for main crop. For winter beets, plant in June. Seed should be planted about  $\frac{3}{4}$  inch deep.

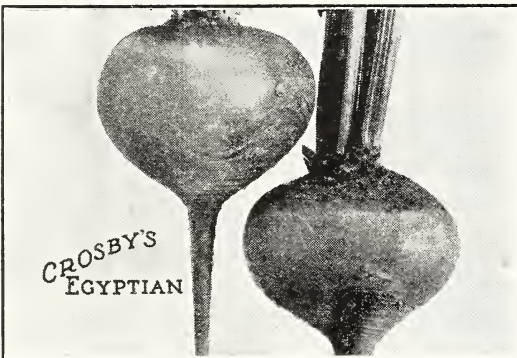
Each of our packets contains enough seed to sow 15 to 20 feet of drill; one ounce will sow sixty feet; 5 to 6 pounds an acre in drills.



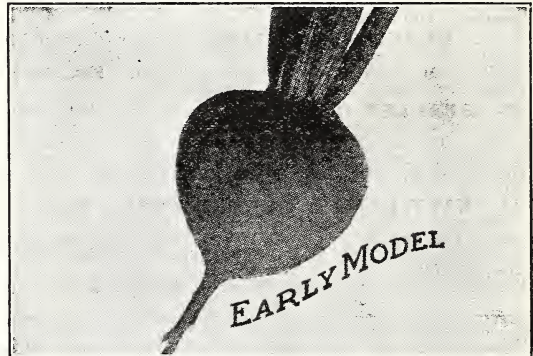
**41. ★OLDS' IMPROVED EARLY BLOOD TURNIP.** A fine bright-red beet, remarkably even in size and appearance, and ready for use fifty days from planting. By far our largest seller. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



**48. ★DETROIT DARK RED.** A leader for both home and market garden. Globe shaped, smooth and symmetrical. Dark crimson in color. Quality the best. Probably the most widely grown beet for commercial canning. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



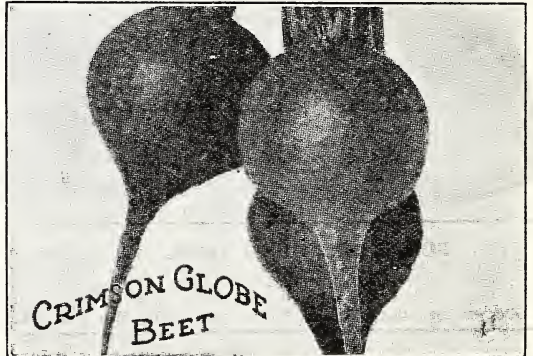
**51. CROSBY'S EGYPTIAN.** One of the earliest of beets. Good shape and color. Excellent quality and one of the best for early but not recommended for winter storing. A favorite with market gardeners. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.15.



**45. ★OLDS' EARLY MODEL.** One of the earliest. Globe shaped, with small tip roots. Color of the flesh very dark red, which makes it splendid for pickling. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



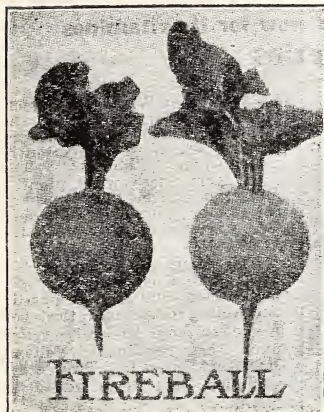
**44. EARLY ECLIPSE.** An old favorite. As early as Crosby's Egyptian but more desirable because of its perfect globe shape. Very smooth, sweet and tender and bright red in color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c, postpaid.



**52. ★CRIMSON GLOBE.** A very fine second early or main crop table and market variety. Medium in size, handsome, with small dark foliage. Rich blood-red in color, sweet, tender and never stringy. Unequalled for table use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.



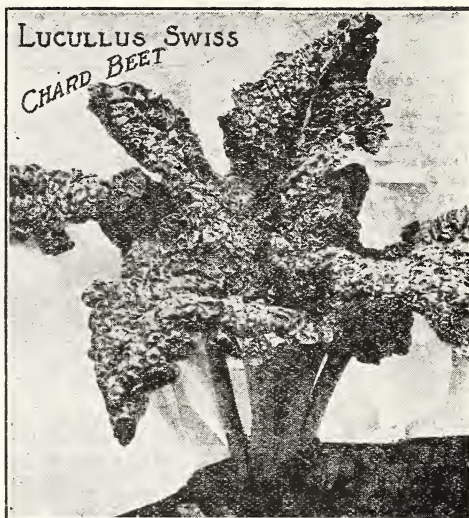
# BEETS, CHARD, MANGELS



**40 1/2 —**  
**★ O L D S' EARLIEST FORCING (Fireball). ★** Earliest of all beets; suitable for forcing. A turnip-rooted or globe shaped variety and red as a radish. It has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small, making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is a valuable sort to sow in the open ground as well as in frames. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00.

**40. EXTRA EARLY EGYPTIAN.** A famous variety for forcing and for first early. One of the very earliest of all beets in fact, with very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 90c, postpaid.

**43. OLDS' EARLY WONDER BEET.** Our specialty in beets. See page 30. This beet is about perfect. Early, dark red, globe shape, productive. Don't overlook it. Pkt., 10c; oz., 20c; 1/4 lb., 40c; lb., \$1.25.



**52 1/2. LUCULLUS SWISS CHARD.** The new Swiss Chard, or Spanish Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. Very prolific and good all summer. Pkt., 10c; oz., 15c; 1/4 lb., 35c; lb., \$1.15.

## MANGELS AND SUGAR BEETS.

Highly nutritious and easily stored for winter. Greatly relished by all kinds of live stock. One ounce sows 75 to 100 feet of drill. Five pounds sows an acre. Yields of 15 to 20 tons of roots per acre are not unusual. A cheap feed.

**59. GIANT ECKENDORF.** A wonderfully fine mangel containing a large amount of nutritive matter. A tremendously heavy yielder. The immense roots often weigh from 15 to 20 pounds each. Oz., 10c; 1/4 lb., 20c; lb., 60c; 5 lbs., \$2.65, postpaid. Not prepaid, 10 lbs. or more at 45c.

**55. ★MAMMOTH LONG RED.** The heaviest cropping and largest of all mangels, and the most widely grown. The roots frequently grow two feet or more long, with 1/2 to 2/3 of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 10c; 1/4 lb., 20c; lb., 60c; 5 lbs., \$2.65, postpaid. Not prepaid, 10 lbs. or more at 45c.

**59 1/2. ★DANISH SLUDSTRUP.** This new mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c; 1/4 lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid. Not prepaid, 10 lbs. or more at 50c.

**56. GOLDEN TANKARD.** The best yellow-fleshed mangel. Contains a larger percentage of sugar than the red mangels. Can be grown closely in rows and yields enormously. Oz., 10c; 1/4 lb., 20c; lb., 60c; 5 lbs., \$2.65, postpaid. Not prepaid, 10 lbs. or more at 45c.

**63. GIANT HALF-SUGAR BEET.** Combines the large size of the mangel with the great feeding value of the sugar beet. Oz., 10c; 1/4 lb., 20c; lb., 65c; 5 lbs., \$2.75, postpaid. Not prepaid, 10 lbs. or more at 50c.

**61. KLEIN WANZLEBEN SUGAR BEET.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar. Oz., 10c; 1/4 lb., 20c; lb., 70c; 5 lbs., \$2.75, postpaid. Not prepaid, 10 lbs. or more at 50c.

"Your products have won for you a very enviable reputation. We are very glad to do business with such a firm."  
 Paul N. Smith, County Agr. Agent.

Mammoth Long Red.

Danish Sludstrup.



# CABBAGE

Cabbage is no longer a humble vegetable, but is greatly valued now for its vitamins  
**Wisconsin Yellows Resistant Varieties**

The accompanying photograph of a field at Racine, Wisconsin, shows a test row of cabbage from good commercial seed in the center of a field of yellows resistant cabbage.

No clearer demonstration of the value of resistant seed in districts affected by "Yellows" could be given.

Racine and Kenosha Counties are in the heart of the oldest cabbage section in Wisconsin; but a few years back, cabbage growing had been practically abandoned there because the soil had become so badly infected with this destructive fungus, known as "Yellows."

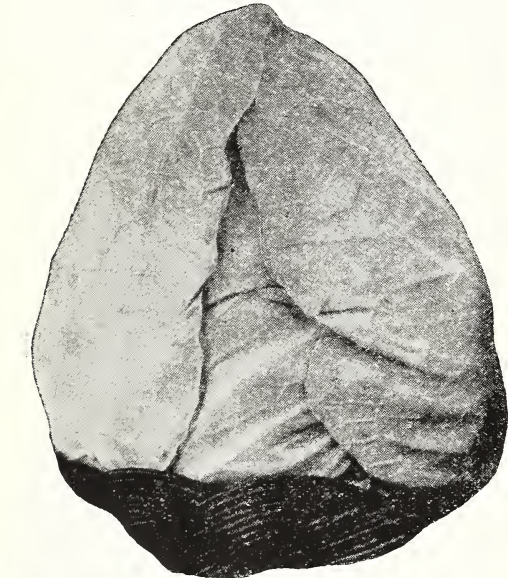
Then, after years of experiment and study, Dr. L. R. Jones of the Department of Plant Pathology of the



The Middle Row, Practically a Failure, is from Ordinary Seed. All the Other Rows, Each Side, from Yellows Resistant Seed.

All our Yellows Resistant Seed is Wisconsin Grown.

**80½. ★WISCONSIN HOLLANDER NO. 8** or Wisconsin Danish Ballhead. The same as No. 85 described on the following page, except that it is "Yellows Resistant." Wisconsin No. 8 is without doubt the most satisfactory strain of cabbage to grow for winter use and for a shipper. It will keep better than any other and it has the heaviest, most solid heads of any. The heads are almost perfectly round, fine grained and with few outside leaves. We recommend this strain most emphatically. It is, in fact, our best seller in all the cabbage list. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; lb., \$8.00, postpaid.



Olds' Early Jersey Wakefield.

**70. ★OLDS' EARLY JERSEY WAKEFIELD.** Days to maturity, 90. Early Jersey Wakefield is the best known and most popular extra early cabbage in cultivation; in fact more seed of this variety is planted in the United States than all others of the same type combined. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.

**72. ★CHARLESTON WAKEFIELD.** About one week later than Early Jersey Wakefield. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

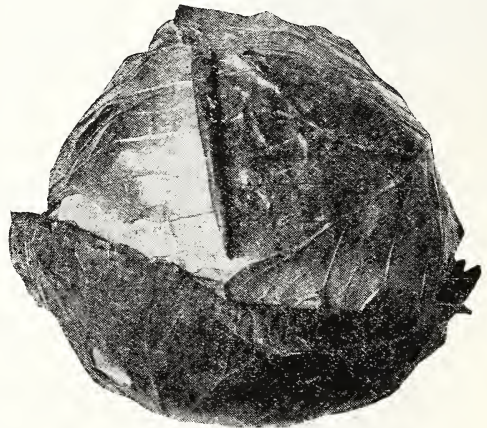
**80. ★ALL SEASONS.** Can be used for either early or late. Heads large, round and deep. A good keeper. A favorite with the market gardeners and the most used of any by the kraut manufacturers. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

Seed of three standard varieties.

**76. ★WISCONSIN ALL SEASONS.** The same as No. 80 described below except that it is "Yellows Resistant." The supply of authenticated seed is limited this season. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**87. ★MARION MARKET (Wis. Copenhagen Market).** A yellows resistant strain of Copenhagen Market, which has been named Marion Market. Marion Market is good either early or late, has big, round heads and is a good shipping variety, too. Seed crop very short this year. Pkt., 25c; ½ oz., 65c; oz., \$1.25; ¼ lb., \$4.50; lb., \$16.00.

**73. ★NEW GOLDEN ACRE.** Our cabbage novelty. See illustration page 30. Earliest of all round headed varieties. We offered it two years ago for the first time. It is an extra early selection of the Copenhagen type, maturing with Jersey Wakefield. Tests covering several years indicate that heads nine inches in diameter are produced in 80 days from planting the seed. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.90; lb., \$6.00, postpaid.



Copenhagen Market.

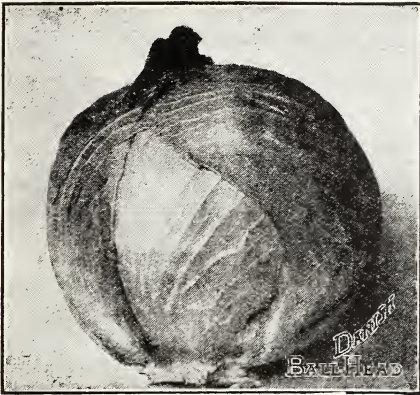
**84½. ★COPENHAGEN MARKET.** Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield; valuable for both home and market garden. Our seed is the best Danish grown. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50, postpaid.

**75. ★ALLHEAD EARLY.** Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat, and solid. If but one variety of cabbage is planted, probably Allhead Early is the best for all purposes. Makes a fine winter cabbage. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

**82½. ★EARLY WINNIGSTADT.** Very early. Heads pointed like the Wakefields. Heads regular, solid and conical; keeps well both summer and winter. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.



# CABBAGE



**85. ★HOLLANDER OR DANISH BALLHEAD.** The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. It is the most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. This variety has been bred and perfected for fifty years in Denmark and our seed is produced by one of the best of the Danish growers. Pkt., 10¢; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.



Chinese or Celery Cabbage.

**83½. CHINESE OR CELERY CABBAGE.** (Pe Tsai.) This plant does not form a solid head like cabbage, but grows a long, loose head somewhat like Cos Lettuce. It may be served like lettuce, as cold slaw or like spinach. It is very mild and a real delicacy. One of the best green feeds for chickens. Plant in rows during July and commence feeding when plants are four inches high by pulling out the alternate plants. Continue thinning until plants are about a foot apart when they will make good heads. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50, postpaid.

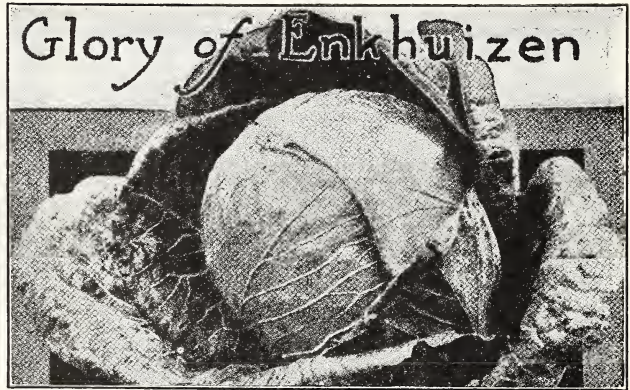
## HOME GROWN CABBAGE PLANTS.

We grow these plants ourselves. Ready early in May. Can supply Early Jersey Wakefield, Golden Acre, All Seasons, Marion Market and Wisconsin Holander. No 8. The last three named are from "Yellows Resistant" seed. Prices of all: Doz., 25c; 50 for 65c; 100 for \$1.50; 500 for \$6.00, postpaid.

Use "Slug Shot" or "Evergreen" for cabbage worms. Both are non-poisonous, inexpensive and easily applied. See page 93.

## SPECIAL PRICES IN LARGE QUANTITY

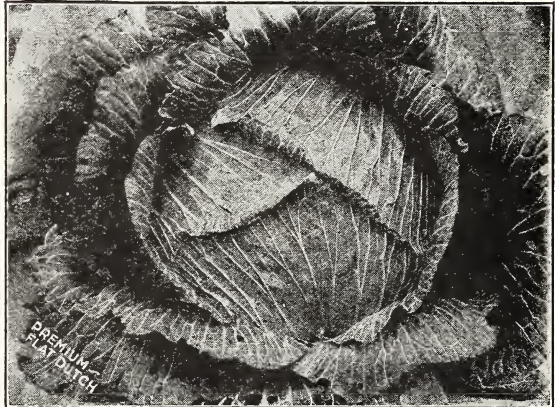
If needing quite a lot of seeds send us your list for special prices. We are always ready to try to meet quotations made by any other reliable house.



**88½. ★GLORY OF ENKHUIZEN.** A very valuable introduction from Holland, and an important addition to the list. It is valued for its earliness, size, keeping qualities and flavor. Heads medium, round, handsome with few outer leaves. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.25, postpaid.

**83. DRUMHEAD SAVOY.** Drumhead Savoy is the best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$2.75, postpaid.

**89. MAMMOTH ROCK RED.** The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from ten to twelve pounds. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.25, postpaid.



Premium Flat Dutch.

**82. ★PREMIUM LATE FLAT DUTCH.** The most popular garden variety and one of our best sellers. This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$2.50, postpaid.

## FROST PROOF CABBAGE PLANTS

Grown off the coast of South Carolina where the difficult growing conditions give the plants great resistance to cold and bad weather. They are guaranteed to stand a temperature of 20 degrees above zero. **YOU GAIN THREE WEEKS.** Shipment to you direct from the growing station. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth. After May 15th, can furnish home-grown plants only.

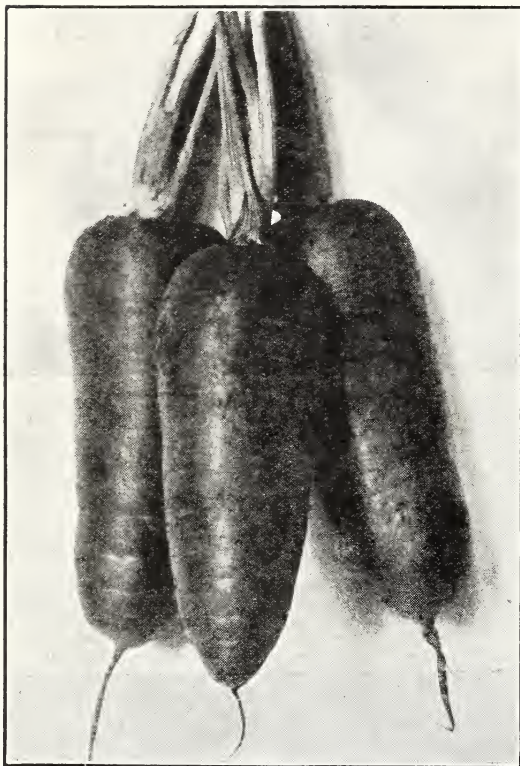
Can supply Early Jersey Wakefield, Charleston Wakefield, Copenhagen Market, Succession and Early Flat Dutch. Prices: 100 to 400 plants at 50c per 100; 500 plants, \$1.60; 1,000 or more plants at \$3.00 per 1,000, postpaid. By express: 1,000 to 4,000 plants at \$2.00 per 1,000; 5,000 or more plants at \$1.50 per 1,000.

(No orders filled for less than 100 plants of a kind.)



# CARROTS

Carrots are rich in vitamins and very healthful. Plant them in your own garden and have them fresh. Our Carrot seed is grown from carefully selected roots. A packet will sow 25 to 30 feet. Three pounds an acre.



Early Chantenay Carrot.

**106. ★EARLY CHANTENAY. SELECT STRAIN.** We pronounce Early Chantenay the best all around carrot in cultivation today. This is the opinion in fact of many market gardeners all over the country. In Texas they are shifting from Oxheart to Chantenay. Our "Select Strain" of this variety comes from C. C. Morse & Co. and is a decided improvement over the ordinary Chantenay. They describe it as follows:

"One of the most popular varieties used in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite."

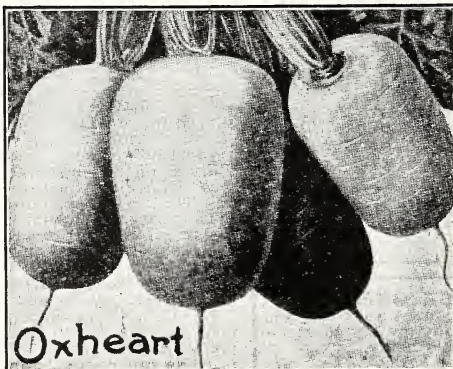
We recommend unhesitatingly our Morse Select Strain of Early Chantenay for anyone who wants a reliable, smooth, uniform, handsome type of carrot that will always give satisfaction for most any purpose. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

**105. EARLIEST FRENCH FORCING.** The earliest carrot; best for forcing; roots almost round, about 2½ inches through. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

**103. ★OXHEART.** Very popular and pronounced by many "the best all around carrot." Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. May be grown profitably for stock as well as for table use. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

## EARLY ORDER PREMIUMS

We offer Free Dahlia Bulbs with all orders received before March 1st. See extra leaflet.



Danvers Half Long.

**100. ★DANVERS HALF LONG.** A splendid carrot, grown for its productiveness and table quality. One of the best and most desirable for home or market garden. Roots 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. A little larger than Chantenay. Immensely popular and deservedly so. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**108. OLDS' HALF LONG STUMP ROOT-ED.** For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use. Roots 6 to 8 inches long, nearly cylindrical and blunt. Red flesh, sweet and mild. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

**102. OLDS' IMPROVED LONG ORANGE.** A well known standard variety; roots long, thick at the crown and tapering regularly to a point; color deep orange; suitable for both table and field crop. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

## STOCK CARROTS.

**111. LONG ORANGE BELGIAN.** While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian on account of its great productiveness will be found a most desirable variety to grow for feed. The roots are mammoth in size, yielding often as high as 10 tons per acre. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid. Not prepaid, 10 lbs. at 45c.

**112. MASTODON.** The heaviest cropper of all varieties, yielding more tons to the acre than any other. Creamy white in color, of excellent quality and a wonderfully profitable cheap feed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid. Not prepaid, 10 lbs. or more at 50c.



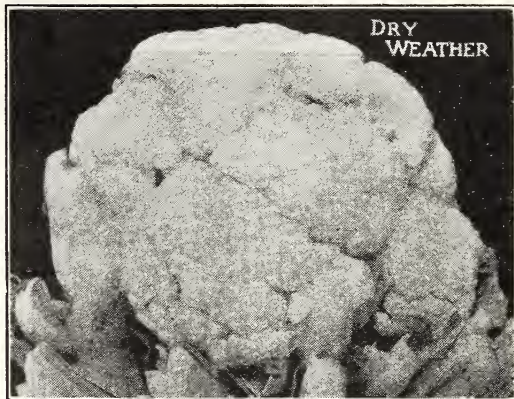
# CAULIFLOWER



90. **★IMPROVED EARLY SNOWBALL.** Undoubtedly the earliest and most popular variety either for the home or market garden. The medium sized, snow-white heads (six to ten inches in diameter) are firm, compact and solid, with few short, upright leaves. Our seed comes from one of the best Danish growers and is equal to any strain of Snowball on the market. Pkt., 20c; ¼ oz., 75c; oz., \$2.25; ¼ lb., \$7.50; lb., \$28.00, postpaid.

95. **OLDS' EARLIEST OF ALL.** The earliest and quickest growing cauliflower we know of. The plants produce erect, fine, solid heads. Pkt., 20c; ¼ oz., 75c; oz., \$2.25; ¼ lb., \$7.50, postpaid.

91. **AUTUMN GIANT.** One of the finest late varieties. Heads large and compact. A vigorous grower. Pkt., 10c; ¼ oz., 20c; oz., 50c; ¼ lb., \$1.75; lb., \$6.50, postpaid.



Dry Weather Cauliflower.

93. **★DRY WEATHER.** The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads too, larger than Snowball and is a sure header. Our seed from a prominent Danish grower, is thoroughly reliable. Pkt., 20c; ¼ oz., 70c; oz., \$2.00; ¼ lb., \$7.00; lb., \$25.00, postpaid.

## HOME GROWN CAULIFLOWER PLANTS.

We can furnish Improved Early Snowball (early) and Dry Weather (second early). Ready early in May. Doz., 40c; 50 for \$1.25; 100 for \$2.25, postpaid.

# CELERY

**CULTURE.** Since celery seed is slow to germinate, ample time must be given. Sow thinly in hot-bed or cold-frame; cover lightly. As soon as the plants are about three inches high, clip the tops or transplant to make stocky plants. When about 8 inches high set about 6 inches apart in rows about 3 or 4 feet apart. Never hoe or work about celery when covered with dew or when the weather is moist, or rust will result. For winter use bank the plants where they stand, in the fall, without lifting.

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants; one-fourth pound enough for an acre.



Golden Self-Blanching.

117. **★GOLDEN SELF-BLANCHING.** (American Grown.) The leading early variety and for many years of first importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

Golden Self-Blanching is the earliest to mature, not liable to blight and a good keeper and shipper. The best known, most grown, most wanted celery on the market today, and by far our biggest seller. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

118. **GIANT PASCAL.** A standard fall and winter variety, but not a good shipper on account of its tender stalks. This fact, however, recommends it as a home-garden or home-market variety. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.75, postpaid.

## HOME GROWN CELERY PLANTS.

We can furnish Golden Self Blanching (early) and Winter Queen (late). Ready about June 15th. Doz., 25c; 100 for \$1.50; 500 for \$5.50, postpaid.

115. **OLDS' WHITE PLUME.** The leaves are bright green at the base shading to nearly white at the tips. This variety grows large and the flavor is all that you could desire. It is very attractive in appearance and is easy to blanch. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

115½. **OLDS' EASY BLANCHING.** This variety is probably the earliest of all with the possible exception of the Golden Self-Blanching. It is more hardy than that variety, however, and not liable to blight. As the name indicates it is very easy to blanch and is white instead of yellow cast. It is an excellent keeper. Pkt., 10c; oz., 65c; ¼ lb., \$2.00; lb., \$7.00, postpaid.

121. **WINTER QUEEN.** The best and most dependable late variety. Very fine for winter use. Of medium height; broad, light green stalks, very solid and crisp. Pkt., 5c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

125. **CELERIAC, NEW GIANT PRAGUE.** An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about 2 inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.



# SWEET CORN

Our Sweet Corn is all first class, high testing seed. Our packets each contain two ounces, larger than the usual packet and enough for 30 to 40 hills. One peck (11 lbs.) will plant an acre. We recommend using Semesan Jr., with Sweet Corn as well as Field Corn. See page 9. 25 pounds any variety of sweet corn at the hundred pound rate.



**135½. ★OLDS' EARLY JULY.** Way ahead of everything else in earliness. For eight years we have been growing this variety and we like it now better than ever. To say that it is earlier than Golden Bantam is perhaps recommendation enough. It has produced corn ready for table use in 60 days every year for eight consecutive years.

The ears are creamy white, about seven inches long and on account of the very admirable habit of producing two, three and even four good ears to the stalk it is really very productive. It has a short stalk with few leaves, so you can plant six or eight kernels to the hill. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.60, postpaid. Not prepaid, 100 lbs., \$22.00. (25 pounds or over at the 100 pound rate.)

**148. GOLDEN SUNSHINE.** The new Sweet Corn. (See page 29, also back cover.) Earlier than Golden Bantam. It looks somewhat like Golden Bantam only the ears are larger, an inch longer and usually 12 rowed instead of 8 rowed. At the same time it is actually 7 to 10 days earlier than Bantam, and for quality it is just as good. Everybody should plant some Golden Sunshine this season. Of all the new introductions in the vegetable line it is perhaps the most valuable. Pkt., 15c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.15, postpaid.

**145. ★OLDS' EARLY EVERGREEN.** An extra fine strain of Stowell's Evergreen with large ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid. Not prepaid, 100 lbs., \$15.00.

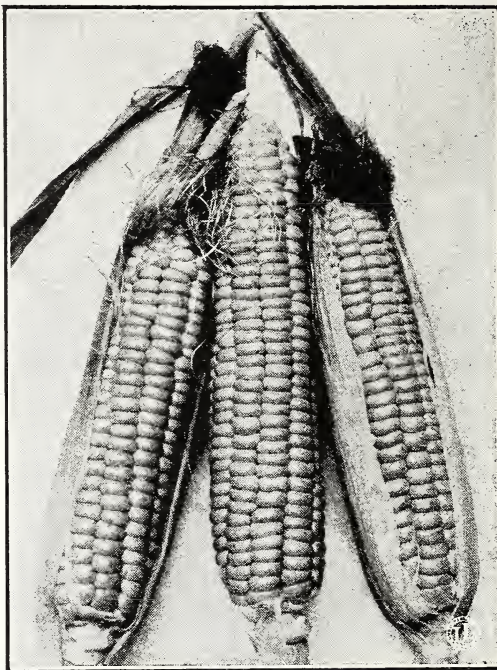
**142½. BANTAM EVERGREEN.** Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$16.00.

**140½. BLACK MEXICAN.** One of the richest and sweetest of all varieties of sweet corn. Large pkt. (2 ozs.), 5c; ½ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$18.00.

**141½. GOLDEN CREAM.** A late yellow. A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman with all its excellent table qualities. Large pkt. (2 ozs.), 10c; ½ lb., 15c; lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 100 lbs., \$16.00.

## GARDENING FOR HEALTH

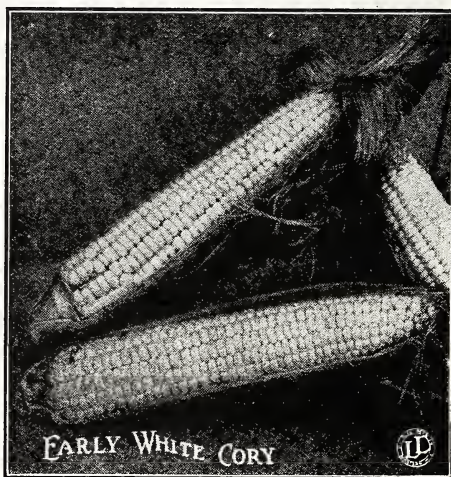
Sweet Corn and Green Peas are at their sweetest and best only when they can be brought direct from the garden to the kitchen and cooked within an hour or so. The same is more or less true of all other vegetables. Have them fresh to have them healthful. Moreover the joy and satisfaction in seeing things grow in your own garden as well as the healthful exercise required will help a lot in the health program.



Golden Bantam.

**142. ★GOLDEN BANTAM.** Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than 6 inches in length and several on a stalk, are perhaps higher in sugar content than any other corn. It is only 10 to 12 days later than Early July, making a good succession when both varieties are planted at the same time.

The kernels are tender, very wide and of good depth, while the cob is small, and the flavor delicious. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid. Not prepaid, 100 lbs., \$16.00.

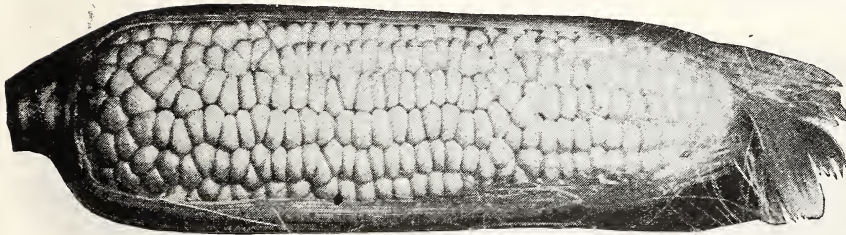


**136. MAMMOTH WHITE CORY.** Larger than the original White Cory and still one of the very earliest varieties of sweet corn. It was named Mammoth White Cory because the ears are so large for an extra early variety. Large pkt. (2 ozs.), 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 100 lbs., \$16.00.



# SWEET CORN

25 pounds or more, any variety of sweet corn, at hundred pound rate.



Howling Mob.

138½. ★**HOWLING MOB.** This variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$16.00.

139. ★**EARLY CHAMPION.** One of the best main crop, second-early varieties. Stalks large and leafy; strong-growing and dependable. The ears are large, usually two on a stalk. Kernels are large and white and full of milk; 10 to 12 rows to the ear, tender and sweet.

An all-around good sweet corn for either home or market garden. Popular because of its great productiveness. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.10, postpaid. Not prepaid, 100 lbs., \$14.00.

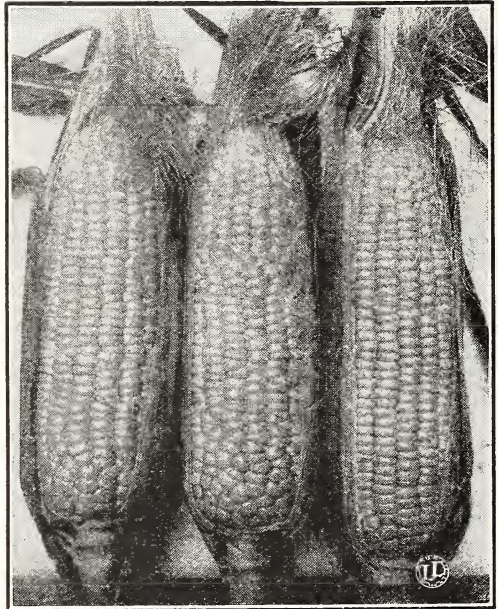
139½. ★**COUNTRY GENTLEMAN.** Often called "Shoe-peg" corn because of the long, narrow, pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with 2 to 5 big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.30, postpaid. Not prepaid, 100 lbs., \$18.00.

147. ★**STOWELL'S EVERGREEN.** The best known and most largely planted of all late varieties. Stowell's Evergreen has proven its worth over and over again, during a period of many years. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use; hence the name, Evergreen. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid. Not prepaid, 100 lbs., \$15.00.

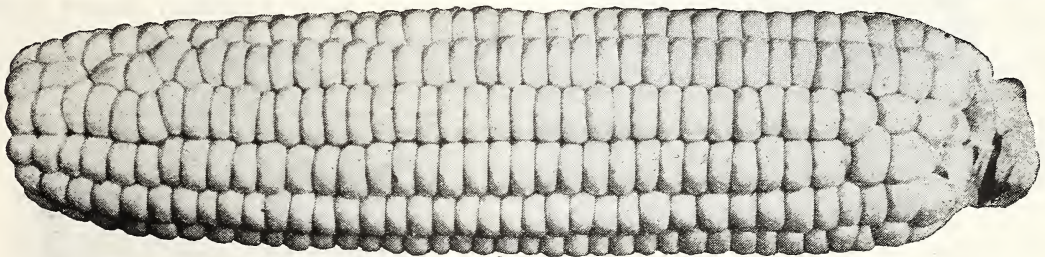
EVERGREEN SWEET FODDER. See page 13.

Use Semesan Jr. on your seed Sweet Corn before planting. See page 9. Ask for special booklet.

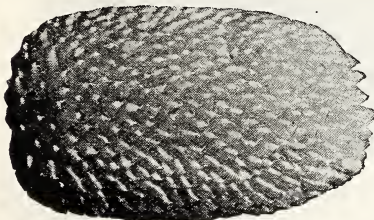
Use 2-12-2 Fertilizer for Sweet Corn. Vigoro is also fine. See page 92. It pays big to use fertilizer.



Early Champion.



Stowell's Evergreen.



Tom Thumb or Japanese Hulless.

## POP CORN

154½. **TOM THUMB OR JAPANESE HULLESS.** A dwarf variety with short stubby ears and long pointed sharp kernels, almost hullless. Pops without the hard center. The most popular and best known variety. Pkt., 10c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

150. **WHITE RICE.** The familiar shoepegged variety, several good sized ears to each stalk. Pkt., 5c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.10, postpaid.

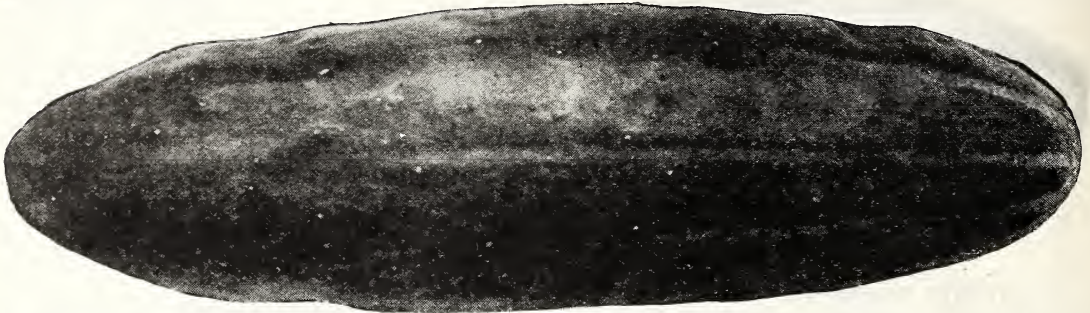
154. **OLDS' BLUE BEAUTY.** Medium sized ear, almost blue, very productive and a good popper. Pkt., 10c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

151. **QUEEN'S GOLDEN.** Long yellow ears with flat round kernels. Ears produced in abundance and easy to husk. Pkt., 5c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.



# CUCUMBER

A packet will plant from 12 to 15 hills. Two pounds will plant an acre. Try the new "Evergreen" for cucumber beetles. See page 93.



Olds' Early Fortune.

**160½. ★OLDS' EARLY FORTUNE.** Generally considered the finest type of all the White Spine varieties of cucumber. Certainly one of the best cucumbers ever introduced; very productive and disease resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. A leading market variety and also splendid for the home garden. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.25, postpaid.

**172. LONGFELLOW.** Our new cucumber. See page 29 for illustration and complete description, also back cover page. This new cucumber is very long and thin, longer and thinner even than Davis Perfect and it is just as smooth and uniform as that excellent variety. This makes it an ideal cucumber for a slicing variety, in fact the best produced thus far.

In color, shape and size this new variety is about ideal; is very firm, a fine keeper and has few seeds. It will surely prove a money maker to all cucumber growers. Be sure to try it this year. Pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

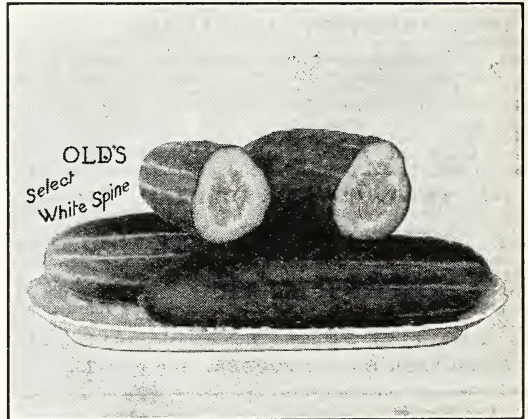


**158. ★OLDS' IMPROVED CHICAGO PICKLING.** Our best seller of all cucumbers. We think it the very best of all varieties for pickling and it is a great favorite with all large pickling houses as well as with the home gardener. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. It always brings the highest market price because of its well known splendid qualities—fine shape, desirable size and excellent pickling quality. We offer an improved strain of this famous variety. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25, postpaid.

**170. JAPANESE CLIMBING.** A distinct variety used to cover trellises, fences, etc. When in the slicing stage color is a splendid deep green. A very hardy, vigorous-growing cucumber of good quality. Length 9 inches. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

**156. EARLY GREEN CLUSTER.** A small variety, about 6 inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Very popular as an early pickling cucumber. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10, postpaid.

**157½. SNOW'S PICKLING.** The ideal bottle pickle. Enormously productive, very dark green in color and if kept pickled will produce during quite a long season. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10, postpaid.



**164. OLDS' SELECT WHITE SPINE.** We think the best White Spine; no other variety excels it in quality. A very select strain, almost cylindrical in shape, very productive. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75.

**159½. OLDS' EARLIEST WHITE SPINE.** The earliest White Spine. It is, in fact, probably the earliest of all large cucumbers, being fully ten days ahead of the other big ones. Uniform, smooth, handsome in appearance. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75, postpaid.



**169. ★DAVIS PERFECT.** White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Of a deep green color when in the slicing stage, medium late. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75, postpaid.



# CUCUMBER

## IMPROVED LONG GREEN



**165. OLDS' IMPROVED LONG GREEN.** A standard main crop, table and pickling variety. Perhaps the best known of all cucumbers. Our largest seller next to Improved Chicago Pickling. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. Color deep green, flesh white and firm. Very good for slicing. The seed we offer is an improved strain. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50; 2 lbs., \$2.75, postpaid.

### 168. ★EARLY RUSSIAN.

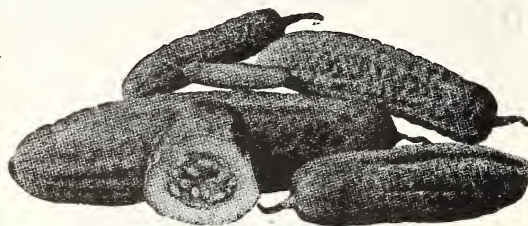
The earliest cucumber in cultivation. This variety can be picked early for bottle cucumbers or allowed to grow just a few days longer for first early slicers. It is very even, smooth, tender, crisp and is hardy and free from disease.



Early Russian.

Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

**162½. KLONDIKE.** Another White Spine variety, excellent for shipping. Medium early, dark green, about 7 inches long. The fruits are thick at the stem end, very attractive in appearance, retaining color and crispness a long time. A wonderful keeper. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 2 lbs., \$2.00, postpaid.



Cumberland.

**163. ★CUMBERLAND.** One of the best all purpose cucumbers with only a few seeds and a small seed cavity. A rapid grower. The fruit is straight and of good form, firm and crisp. An excellent early slicer. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 2 lbs., \$2.25, postpaid.

## CHICORY

**130½. WITLOOF.** (French Endive.) A delicious winter salad. Grown for its delicate shoots. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

## CRESS

**134. EXTRA CURLED.** (Pepper Grass.) The best variety. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## EGG PLANT.



Black Beauty Egg Plant.

**181. ★BLACK BEAUTY.** The best egg plant to grow for early market. Also the best for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**180. NEW YORK IMPROVED PURPLE.** The favorite market variety. Plant is large and spreading. Pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$4.50, postpaid.

## ENDIVE.

**185. GREEN CURLED.** Dark green leaves; blanches white. Very attractive.

**186. WHITE CURLED.** Leaves finely cut and almost white. Fine for salad.

**187. BROAD-LEAVED BATAVIAN.** Leaves very broad. All varieties. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## GOURDS.

**199. MIXED GOURDS.** This mixture contains a very wide range of colors, shapes, and sizes. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

**193. HERCULES CLUB.** Edible, ornamental, and useful. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

## HERBS

**480. ANISE.** For garnishing, flavoring and cordials. Pkt., 10c; oz., 20c, postpaid.

**483. CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt., 10c; oz., 15c, postpaid.

**485. DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 10c; oz., 15c; ¼ lb., 40c, postpaid.

**489. MARJORAM.** Sweet. Tops green or dried, used for flavoring soups. Pkt., 10c; oz., 35c, postpaid.

**492. SAGE.** (Perennial.) Dried leaves much used for seasoning in dressings; the most popular of all herbs. Pkt., 10c; oz., 40c, postpaid.

**496. THYME.** Used for tea. Also for seasoning. Pkt., 10c; oz., 50c, postpaid.

**499. MIXED HERBS.** A mixture of all varieties. Pkt., 10c; oz., 20c, postpaid.

## KALE.

**201. DWARF CURLED SCOTCH.** Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

## KOHL RABI.

**205. EARLY WHITE VIENNA.** Probably the best early variety. Extremely early with small tops. Medium size handsome, white bulbs. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.

**206. PURPLE VIENNA.** A popular variety for table use. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

## LEEK.

**210. AMERICAN FLAG.** Large, thick stems. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

## MUSTARD.

**257. SOUTHERN GIANT CURLED.** Most popular variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.



# LETTUCE

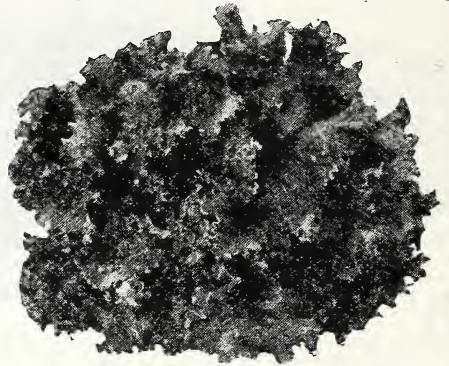
Our Lettuce seed is grown by the best seed growers in California. A packet will sow 25 to 30 feet of drill. Three pounds will seed an acre.



Grand Rapids.



215. ★**GRAND RAPIDS.** (Olds' Earliest Forcing.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid, upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.



Black-Seeded Simpson Lettuce.



219. **OLDS' BLACK-SEEDED SIMPSON.** Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Our favorite lettuce of all the varieties. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.



Iceberg.

216. **ICEBERG.** A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

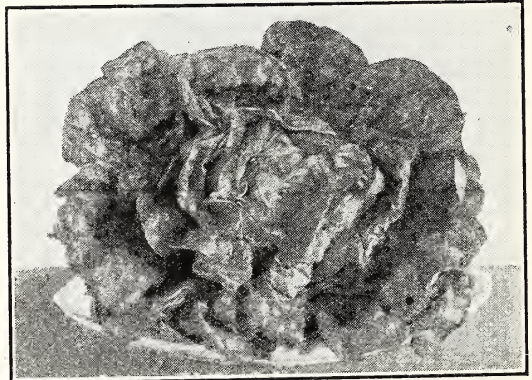


217½. **MATCHLESS.** (Oakleaf.) A new hybrid. Neither a head lettuce nor a loose leaf, but between the two. The leaves are thick and pointed, a sort of Cos lettuce, with the middle of the head inclined to bunch, and the heart very white and crisp. It has a flavor of its own. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00.



Big Boston.

222. ★**BIG BOSTON.** A head lettuce. One of the most largely grown varieties in cultivation; early, hardy, with brittle head tending to a golden yellow. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.



May King Lettuce.

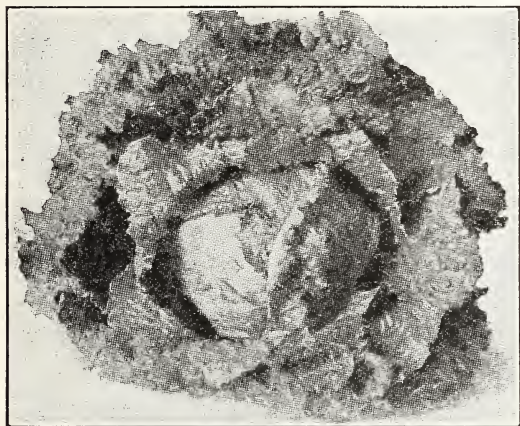
227. ★**MAY KING.** A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best early-heading varieties. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50, postpaid.



# LETTUCE



220. **★EARLY PRIZEHEAD.** One of the best known and most popular varieties in America. It is a curled, crisp, loose leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.



New York or Wonderful.

218. **★NEW YORK OR WONDERFUL.** The largest head lettuce of all and the most popular. A new variety that has jumped into prominence in the last two or three years, especially with the large commercial lettuce growers. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Pronounced the finest in cultivation for exhibition purposes and for an outdoor, all-season variety it stands unrivaled. Ready for market in 60 to 65 days from planting time.

The New York or Wonderful is the most popular shipping variety known. This is the kind you buy in the stores in the winter although they do not always call it by that name. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

217. **IMPROVED HANSON.** One of the best known of the old standard varieties. Introduced many years ago. It is of the type known as curled-heading; medium size, light green. The leaves are curled and the edges fringed. The best of its class and of excellent quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

234. **OLDS' LETTUCE MIXTURE.** Consists of a splendid assortment and contains early, second early and late lettuce; looseleaf, semi-heading and head lettuce; smooth leaf, curly leaf and notched leaf lettuce; leaves of light green, medium green, dark green and reddish-brown; white seed, gray seed and black seed varieties; in fact, all kinds of lettuce. Will provide a constant succession and large variety at very small cost. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.15, postpaid.

If you are a market gardener, ask for our Market Gardeners' Wholesale Price List.



Olds' Wayahead.



232. **★OLDS' WAYAHEAD.** In our trials Wayahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery crispness. The golden yellow hearts are exceedingly tender, brittle and sweet. Does well early or late, in greenhouse, cold frame, or open ground. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00, postpaid.



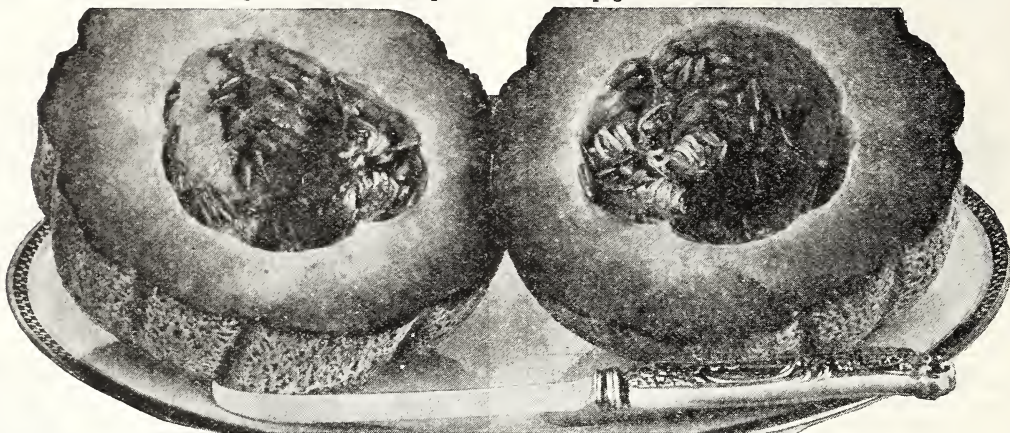
Paris White Cos.

231. **PARIS WHITE COS.** The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00, postpaid.



# MUSKMELON

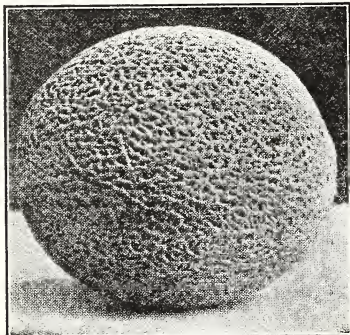
A packet will plant 10 to 15 hills. Two to three pounds an acre. Do not plant too early. Use fertilizer. Use Slug Shot or the new "Evergreen" for the striped beetle. See page 93.



Olds' Rocky Ford.

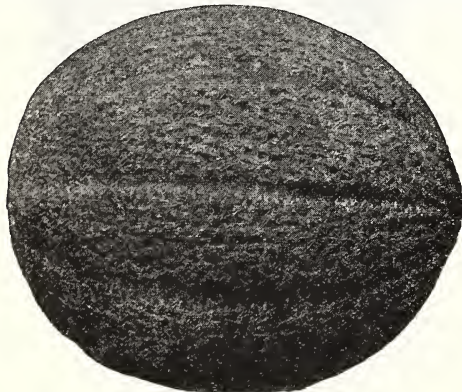


**244. OLDS' ROCKY FORD.** Rocky Ford is now the most popular and best known of all varieties of muskmelon. Just the right size to serve in halves. It is medium early, with vigorous and productive vines. The melons are almost round, slightly ribbed, densely netted; flesh, green; quality the highest. Our seed is grown for us by the most expert and reliable professional seed growers. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.15.



Gold Lined Rocky Ford.

**247 $\frac{1}{2}$ . GOLD LINED ROCKY FORD.** A splendid type of the green fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. Very thick-fleshed, spicy and sweet. Nearly round and completely covered with netting. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



Early Model.

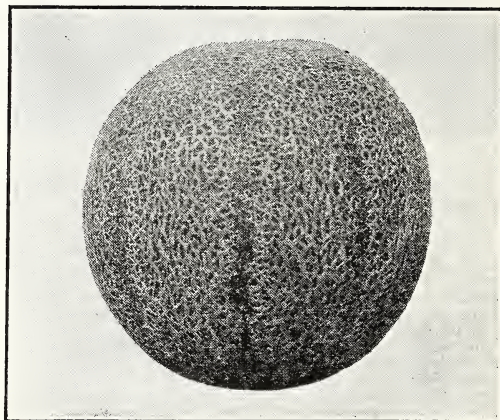


**245. ★OLDS' EARLY MODEL.** The perfect muskmelon. The Model is perfect in shape and size, sweet and delicious in flavor. Very productive. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market and is also most satisfactory for home use. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75; 5 lbs., \$7.50.

**238. ★EMERALD GEM.** A splendid early melon for the kitchen garden or nearby market, but not a shipper. It is a small, smooth-skinned variety, flattened at the ends. The flesh is pink very sweet and highly flavored and the fruit is of convenient size. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

**248 $\frac{1}{2}$ . BANANA.** A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana. 14 inches in length and 4 inches in diameter. It is banana colored, pink-fleshed and really delicious. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.40, postpaid.

**242. BURRELL'S GEM.** An important commercial melon of the Netted Gem type. Second only to Rocky Ford in popularity for long distance shipping. Well netted. Flesh very sweet and spicy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.



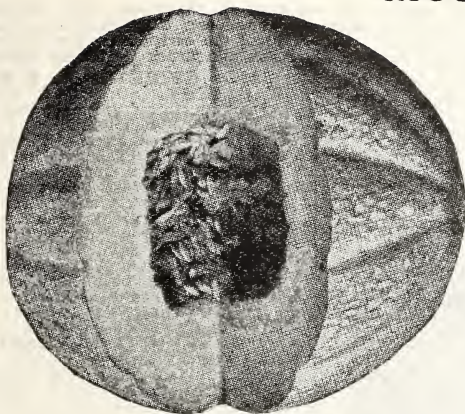
Pollock No. 10-25.

**246. POLLOCK NO. 10-25.** A new type of Rocky Ford grown largely now not only in the Rocky Ford district as a commercial melon but by home gardeners and market gardeners where a small, salmon-tinted melon is desired. It is a very early melon and of a solid, netted type with very small seed cavity, with thick luscious flesh of genuine salmon tint shading to green near the rind. A splendid keeper and a good shipper. Ripens usually in 75 to 80 days. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

**236. EXTRA EARLY HACKENSACK.** An early selection from the old Hackensack and one of the most popular of the extra early green-fleshed varieties. The shape of the melon is flat and the size small, with distinct ribs and netting. Very prolific and hardy and enjoys wide use. The flesh is very sweet and spicy. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10; 5 lbs., \$4.25, postpaid.



# MUSKMELON



Milwaukee Market.



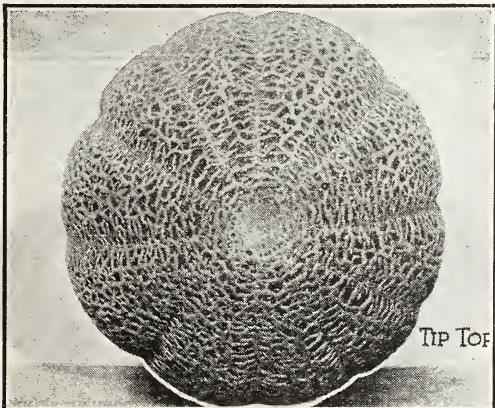
241½. **MILWAUKEE MARKET.** One of the best melons for both market and the home garden. Prolific, vigorous in growth, and unsurpassed in flavor. This new melon made its appearance in Milwaukee a few years ago and has jumped into prominence. It originated as a cross between the Surprise and Gem. The skin is light green, fruits nearly round. Flesh a deep salmon color, thick, firm and solid, possessing a rich aromatic flavor; very uniform in size and every melon a good one. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

253. **HONEY DEW.** A distinct melon of the Casaba type. Smooth-skinned, of a light cream color. Late. Very tender and melting with an extreme sweetness found in no other melon. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.



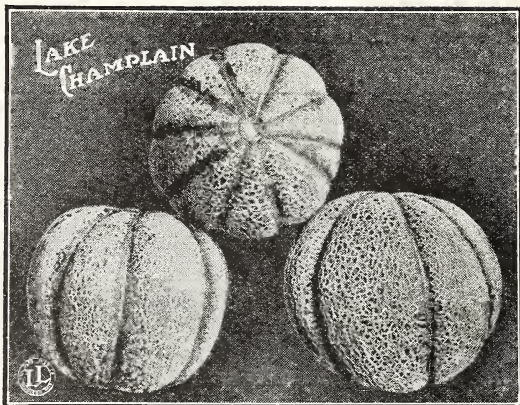
Early Knight.

236. **EARLY KNIGHT.** (Sweet Air.) Extremely popular with eastern growers. It is a happy combination of earliness, productiveness and quality. The melons are nearly oval in shape; densely netted; of good size, with thick, bright green flesh that is very luscious. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

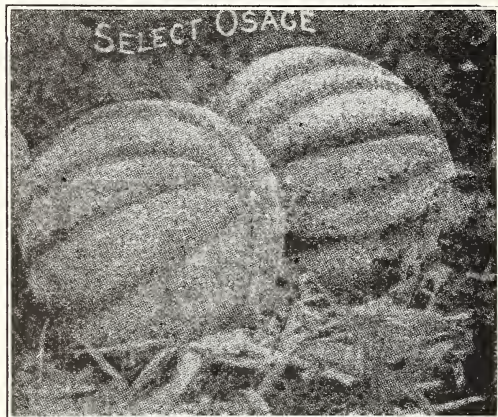


TIP TOP

254. **TIP TOP.** Tip Top in quality, appearance and productiveness. Every melon is a good one—sweet, juicy, fine flavored and eatable to the rind. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



235. **LAKE CHAMPLAIN.** The new extra early. On our trial grounds, the earliest in fact of all varieties. Lake Champlain is a round melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. It is an extraordinarily heavy yielder and the fruits are of good size, much larger than the Rocky Ford type. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00; 5 lbs., \$8.00, postpaid.

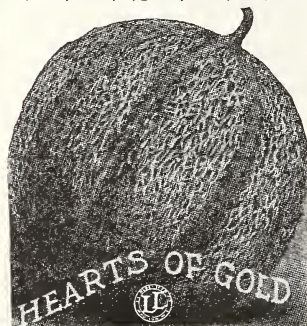


239. **OLDS' SELECT OSAGE.** An oval shaped, salmon fleshed melon, unusually thick-meat, and spicy. The Osage has a reputation for quality ahead of all other varieties. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



240½. **EXTRA EARLY OSAGE.** A week earlier than Osage, the standard high quality melon for home use. Salmon-fleshed, spicy. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

243. **BENDER'S SURPRISE.** A delicious, large, salmon fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50.



247. **HEARTS OF GOLD.** (Improved Hoodoo.) One of the finest types of the early, small salmon fleshed melons. An excellent shipping melon but equally good for home gardens. The melons are round, weighing about 1½ pounds each; lightly ribbed and covered with a fine grey netting; flesh very thick, deep salmon color; seed cavity, very small. Sweet. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



# WATERMELON

Our Watermelon seed is all northern grown. This seed is much better for planting in the north than southern grown. It is all from melons grown exclusively for seed and by seed growers of experience. Each packet contains seed enough for 8 to 12 hills. Four to five pounds will plant an acre. Do not plant too early and plant in sandy soil if possible. It pays well to use fertilizer for melons. There is nothing better than our Truck Gardeners Special. See page 92.



Kleckley's Sweet.

270. **★KLECKLEY'S SWEET.** (Monte Cristo.) Our best seller of the whole list of watermelons. A fine, well known, medium early variety. It is a medium sized, dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. A wonderfully satisfactory variety for home gardens and nearby markets but not a good shipper because too brittle. Plant some Kleckley's Sweet in your garden if you want something extra fine. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

267. **★ICE CREAM or PEERLESS.** A well-known old favorite and a standard home melon. Extra early, of medium size, short oblong in form; rind thin, light green in color, mottled and veined with a darker shade; bright scarlet flesh, wonderfully sweet and delicious; seeds white. Ice Cream is an old variety but as good as ever and very hard to beat. It is certainly very highly regarded by thousands of home gardeners all over the North. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.



Cole's Early.

262. **★COLE'S EARLY.** Another home melon that is wonderfully popular all over the North. Our second largest seller. One of the earliest of all melons and one of the best. It is medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink, rather a darker shade than some others, of excellent quality, firm and delicious. Seeds black. Nothing surer than this variety for hard situations in Northern latitudes. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.

## DON'T FORGET THE ORNAMENTALS

Include some Flower Seeds, some Bulbs and some Plants with your order. Make your home attractive.

264. **SWEETEST AND EARLIEST.** Our new watermelon, illustrated and described on page 30. A combination of earliness and sweetness. Everybody should try it. The size is just about right for a home melon, 10 to 15 pounds; flesh bright scarlet red, fine and sweet and free from stringiness. A great yielder, with a hardy, vigorous plant. Black seeds, mottled skin. A cross of Mountain Sweet and Cole's Early, combining the best qualities of both. This should commend it to everyone. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

263. **FORDHOOK EARLY.** An extremely early variety and the earliest in fact of all large melons. Perhaps no other variety is so well adapted to the home garden, for it may be planted in hills as close as 6 feet each way. Its value to the home gardener in the north is largely in its earliness. The melons are of good size and nearly round; the skin is dark green with occasional stripes of lighter green. The rind is thin; flesh, bright red, crisp, and remarkably sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

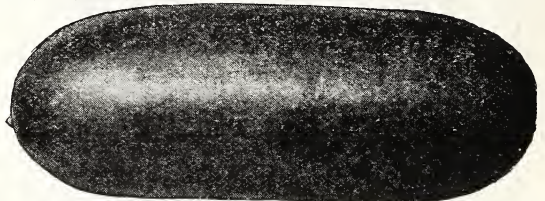
## OLDS' VEGETABLE NOVELTIES

Do not overlook our "New and Near New Vegetables" offered on pages 29 and 30. These are all varieties of outstanding merit.



Field of Alabama Sweet Watermelons.

271. **ALABAMA SWEET.** A medium early maturing variety with long melons of deep green color, irregularly striped with a darker shade. It is an excellent shipping melon with a very tough elastic rind. The flesh is bright red, fine grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 95c; 5 lbs., \$4.00, postpaid.

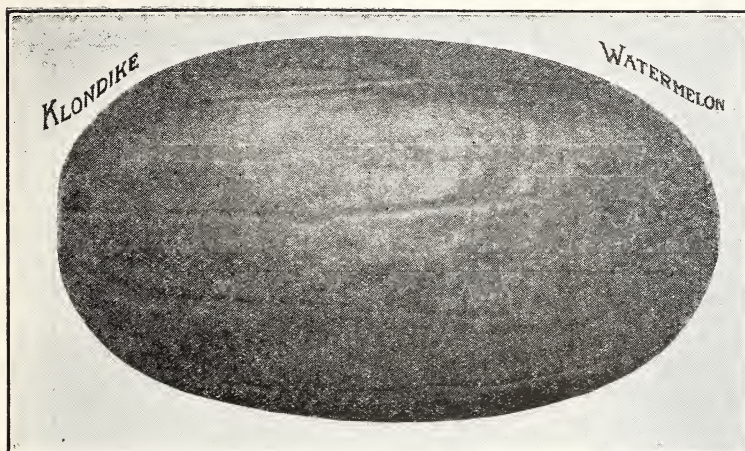


Tom Watson.

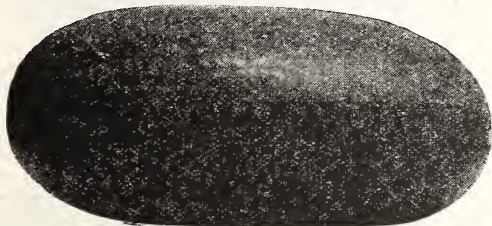
271½. **TOM WATSON.** The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.00, postpaid.



# WATERMELON

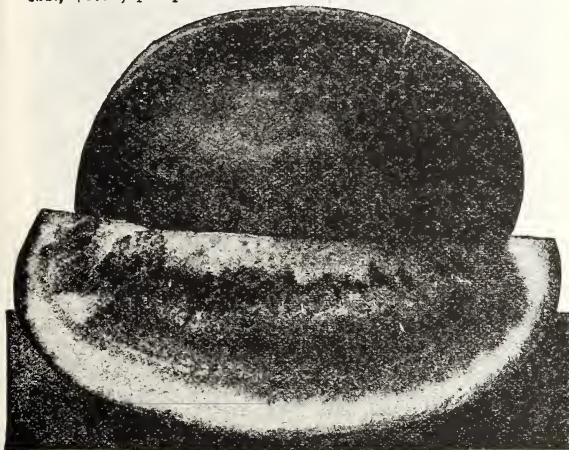


**270½. ★KLONDIKE.** One of the best early melons and perhaps the very sweetest of all melons. The rind is dark green; shape long; very symmetrical; flesh a distinctive shade of red. It is very sweet, crisp and tender, ripens very early and so is adapted to northern states. It is also a heavy yielder. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.**



Irish Grey.

**268. IRISH GREY.** A long, rather large melon, light green in color and of fine table quality. The flesh is deep red, crisp and sweet and without a hard center. Besides being a fine garden melon, it is equal to Tom Watson as a shipper. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.**



Sweetheart.

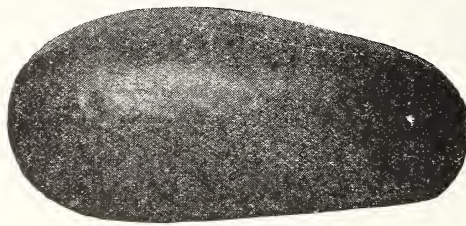
**261. SWEETHEART.** One of the most popular and one of the very best. A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. A very popular variety. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.**

**272½. GOLDEN HONEY.** The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and of handsome appearance. The skin is green with irregular stripes of darker green. No hard core or stringy sections. **Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.**

**275. CITRON.** Colorado Preserving. Perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.**

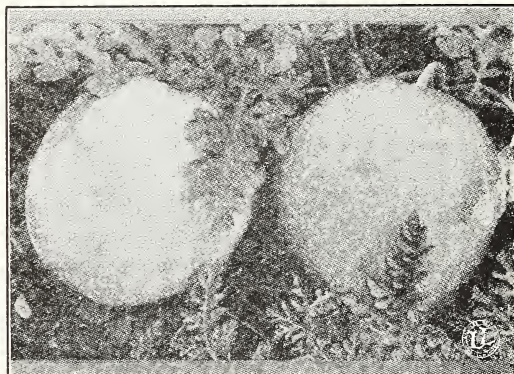
## GARDEN TOOLS

Look over our list of Tools, pages 88, 89 and 90. We have the best garden drills, wheel hoes, hand cultivators, fertilizer distributors, garden hoes, rakes, planters, trowels, etc. Pick out what you need and have them shipped with your seeds.



Halbert Honey.

**273. ★HALBERT HONEY.** Another good, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping but desirable for the garden. **Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.50, postpaid.**



Olds' Winter Melon.

**276½. OLDS' WINTER.** This melon is early, very prolific, almost round and in color, light green. The flesh is red, sweet and almost as hard as a citron. If properly stored will keep for months. **Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.**

## INSECTICIDES AND FUNGICIDES.

You will find a complete list of Insecticides and Fungicides on page 93 of this catalog. Order what you need to come with your seeds.



# ONION

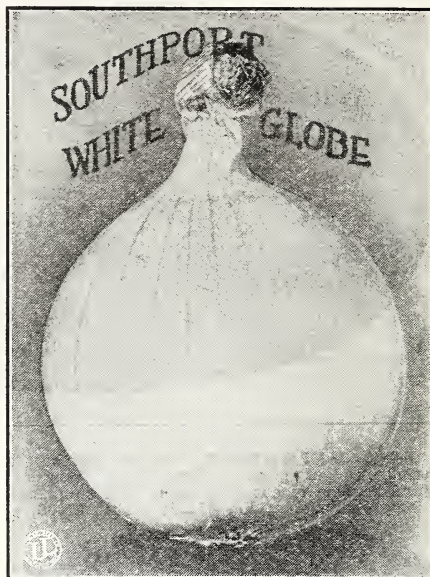
Our Onion seed is all tested seed and shows high germination. Prices are very reasonable this year. Each packet contains seed enough to sow a row 25 to 30 feet long. 4 to 5 pounds will sow an acre. Treat Onion seed with Sesan. See page 28.



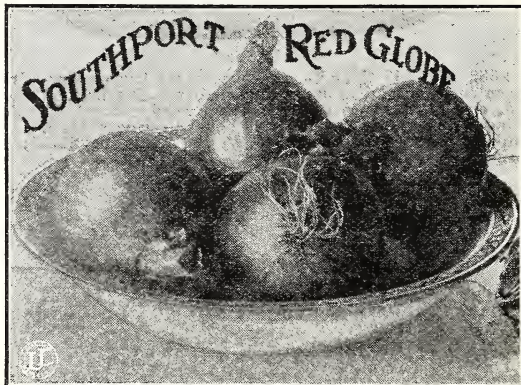
**285. ★OLDS' YELLOW GLOBE DANVERS.** Yellow Globe Danvers is a standard variety, well-known everywhere. It is a very solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow-white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the best.

It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. We have a specially choice strain. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$9.00, postpaid.

**300. OLDS' SELECT OHIO YELLOW GLOBE.** Especially valuable on muck or peat lands and on very rich soils. Rather deeper globe shape than the Danvers. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.15; 5 lbs., \$8.75, postpaid.



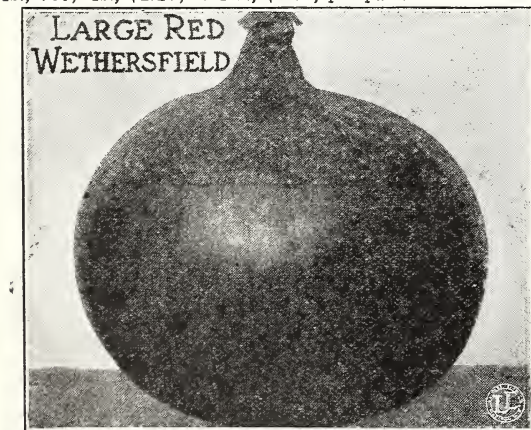
**292. SOUTHPORT WHITE GLOBE.** A handsome onion with a pure delicate paper white skin. Flesh crisp, fine-grained, snowy white and mild; globe shaped and a good keeper for a white kind. Most retail customers prefer a white onion and we consider this as unquestionably the best white market variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25; 5 lbs., \$14.00, postpaid.



**291. SOUTHPORT RED GLOBE.** Southport Red Globe is a large, handsome, dark red onion with small neck, small top and of mild flavor. The finest type of red-onion and the most popular one with market gardeners. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50; 5 lbs., \$10.00.

**290. SOUTHPORT YELLOW GLOBE.** A globe shaped onion of fine golden yellow color, growing somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Largely grown as a market onion and most profitable. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$9.00, postpaid.

**299. AUSTRALIAN BROWN.** Noted for its fine keeping qualities and also for its peculiar brown color. Without any exception the most solid and longest keeping onion grown. A measured bushel will weigh several pounds more than the standard legal weight. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 5 lbs., \$7.00, postpaid.



**287. OLDS' EXTRA LARGE RED WETHERSFIELD.** Red Wethersfield is a fine old American variety, originated long before the Civil War near the town of Wethersfield, Connecticut. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. We have a strain selected for extra large type. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00; 5 lbs., \$8.00.

**293. WHITE PORTUGAL. (Silver Skin.)** A handsome early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but flat. The finest small white sets are grown from this variety. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$3.00; 5 lbs., \$12.00.

**303. OLDS' WHITE QUEEN.** A very hardy perennial variety of onion, used for bunching and pickling. It is perfectly hardy and requires no mulching. Sow in early fall for early spring onions. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

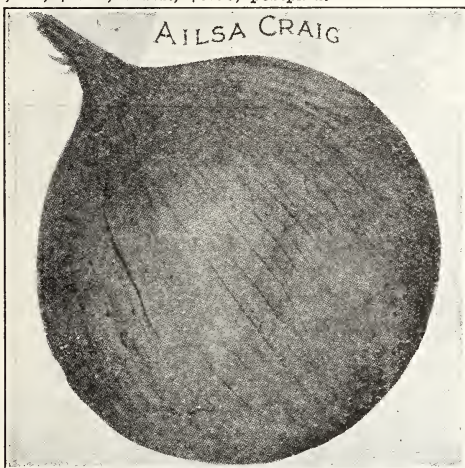


# ONION

## SPANISH VARIETIES



**297. OLDS' PRIZE-TAKER.** One of the largest and mildest of onions. Very popular. It might almost be called an American onion for it is the result of selection in this country since 1887, the original seed coming from Spain. Bright straw yellow in color and a good globe shape. Grows three times as large as Danvers, individual onions sometimes weighing four pounds and over. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$9.00, postpaid.



**288. AILSA CRAIG.** An exhibition variety. An English strain of Spanish onion, much like the Prize-Taker but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50; 5 lbs., \$10.00, postpaid.

**297½. GIGANTIC GIBALTAR.** Another Spanish variety. The largest, mildest and sweetest of all onions. Creamy straw colored bulbs, excellent for slicing, never strong, but brittle, juicy and with a very pleasant flavor. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

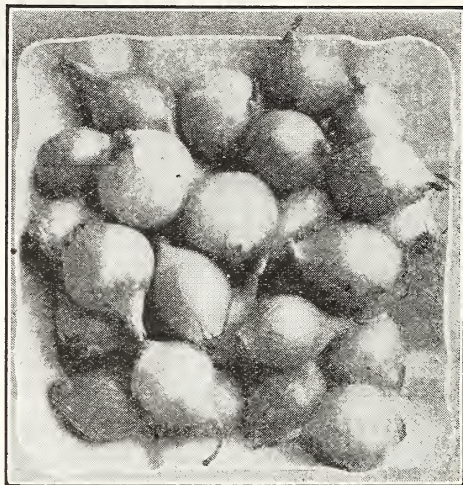
**283. CRYSTAL WAX.** A Bermuda onion. One of the most attractive varieties. It is large, pure white, very early, mild in flavor; in fact can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Pkt., 15c; oz., 55c; ¼ lb., \$1.65; lb., \$5.00, postpaid.

### QUALITY IN SEEDS.

When you buy seeds you want the best. You want not only seeds that will grow but seeds that will produce. We have that kind. Try us and see. Thousands of customers have done just that and they stay with us.

## OLDS' ONION SETS

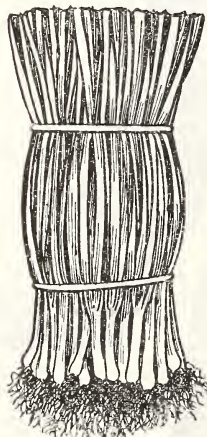
We offer choice, dry, select Onion Sets, the best to be had. Bottom sets should be planted very early in the spring, the earlier the better. A pound will plant a row 20 feet long, two to three inches apart in the row. Egyptian or Winter Sets should be planted in the fall.



### Yellow Bottom Onion Sets.

**YELLOW BOTTOM SETS:** Lb., 30c; 4 lbs., 90c, postpaid. By express: 10 lbs., \$1.25; bu. (32 lbs.), \$3.50.  
**RED BOTTOM SETS:** Lb., 30c; 4 lbs., 90c, postpaid. By express: 10 lbs., \$1.25; bu. (32 lbs.), \$3.50.  
**WHITE BOTTOM SETS:** Lb., 35c; 4 lbs., \$1.10, postpaid. By express: 10 lbs., \$1.40; bu. (32 lbs.), \$4.00.  
**EGYPTIAN or WINTER SETS,** for fall delivery only: Lb., 30c; 2 lbs., 55c; 4 lbs., \$1.00, postpaid. By express: 10 lbs., \$1.40; bu. (28 lbs.), \$4.00.  
 Bushel Prices of Onion Sets are subject to change after Feb. 1st. Write for prices.

## FROST PROOF ONION PLANTS



Southern Grown Frost Proof Onion Plants have been giving satisfactory results for some years and are well out of the experimental class. They are grown by experts and properly packed so that they will reach the customers in good condition. The seed is planted in the fall, they grow out of doors during the winter so they are hardy and are ready to be planted early.

One thing sure, you will have to hand weed your onion patch at least once during the season if you plant seed. If you use plants, either of your own growing or our southern grown, you can cultivate and keep ahead of the weeds. The varieties we offer are, Crystal White Wax and Yellow Bermuda.

Prices: 100, 30c; 200, 55c; 500, \$1.25; 1,000, \$2.25; 2,000, \$4.00, postpaid.  
 Frost Proof Onion Plants. Not prepaid, crate of 6,000, \$6.00.

### CHIVES.

**279. Chives** belong in the perennial class. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Milder than onions with smaller tops. Seed: Pkt., 10c; oz., 25c. Strong Plants: 3 for 50c; 12 for \$1.50.

### GARLIC.

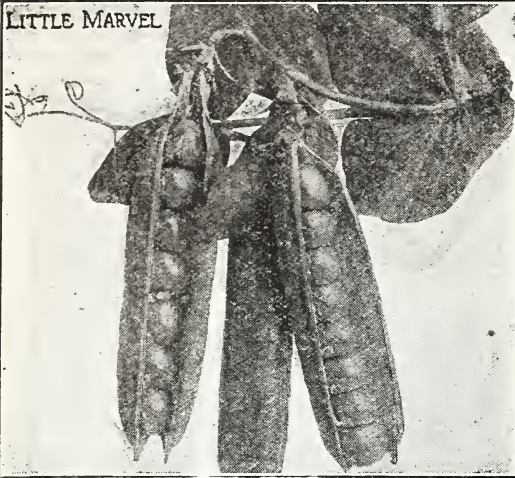
Garlic comes in bulbs only, which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, ¼ lb., 25c; lb., 60c, postpaid.



# PEAS

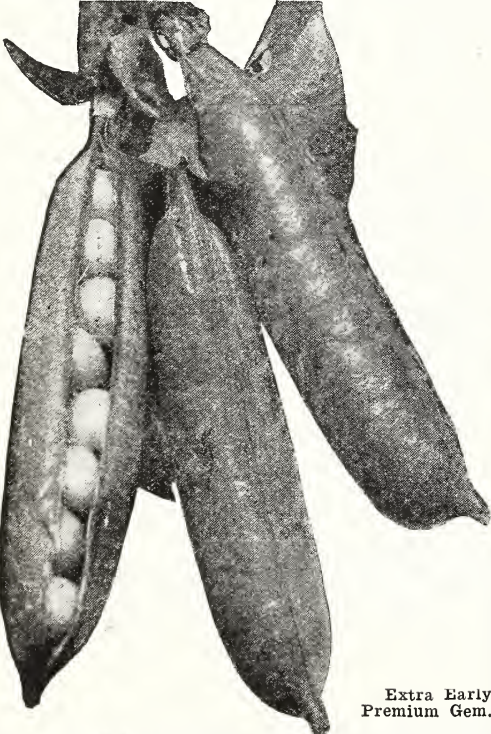
One pound will plant 75 to 100 feet. We recommend planting at least a half pound of a variety. An acre requires 90 to 120 pounds. Those marked thus (\*) are wrinkled varieties and are sweeter than the smooth varieties, 25 pounds or more, any variety of peas at the 100 pound rate.

**LITTLE MARVEL**



Little Marvel.

339. **★LITTLE MARVEL.\*** A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra early, with the exception of the new Progress. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$20.00. (25 lbs. at the 100 pound rate.)



Extra Early Premium Gem.

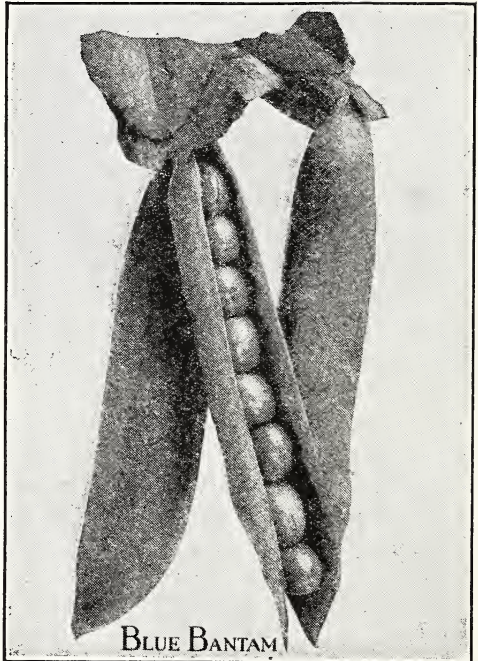
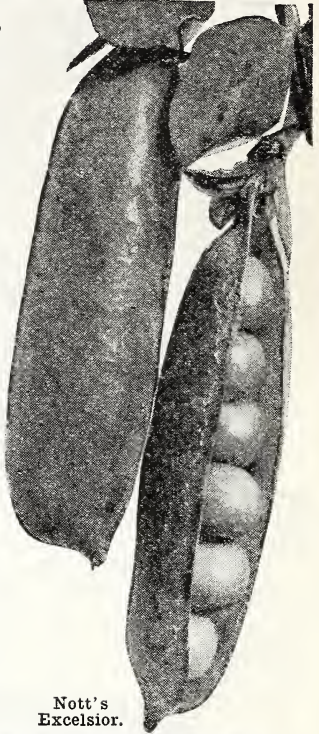
329. **★EXTRA EARLY PREMIUM OR LITTLE GEM.\*** Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.

336. **★LAXTON'S PROGRESS.** The newest in peas. See page 29 for complete description and illustration. Also back cover. This will prove an ideal variety for the home garden where a large podded pea is wanted. Grows 18 inches high. Very vigorous and productive. Pods 4 to 5 inches long, 8 to 10 peas in a pod. Of sweetest flavor. We recommend this new pea. Large pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00, postpaid.

See other "New and Near New Vegetables" offered on pages 29 and 30.

325. **★NOTT'S EXCELSIOR.\*** Height 15 inches. One of the most popular peas in cultivation. It is as early as American Wonder, as sweet as Little Gem and outyields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.

Nott's Excelsior.



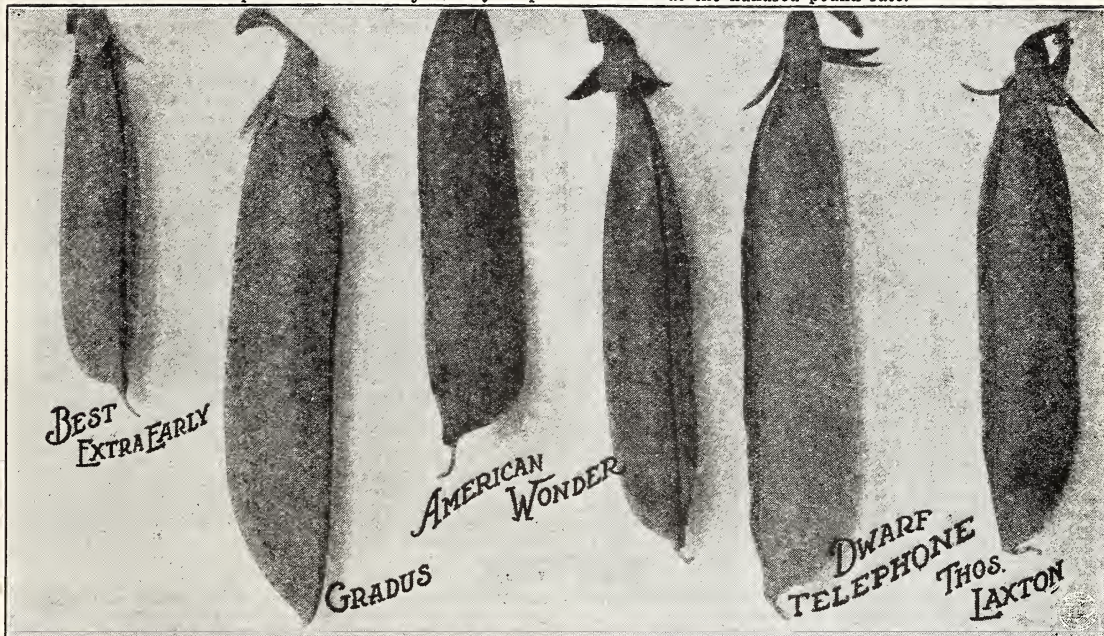
BLUE BANTAM

324½. **★BLUE BANTAM OR GIANT LAXTON-IAN.\*** A new large-podded, dwarf wrinkled pea. Unequaled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large pods. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 100 lbs., \$22.00.



# PEAS

25 pounds or more any variety of peas furnished at the hundred pound rate.

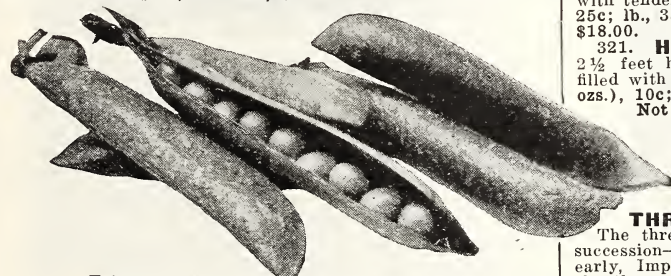


**320 1/2. ★OLDS' BEST EXTRA EARLY.** An extra early round-seeded variety, largely grown for the early market. 75% to 80% of the pods may be gathered at the first picking. Large pkt. (2 ozs.), 10c; 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid. Not prepaid, 100 lbs., \$15.00.

**323. ALASKA.** Earliest of all. The most popular early pea for canning. Large pkt. (2 ozs.), 5c; 1/2 lb., 15c; 1 lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 100 lbs., \$15.00.

**324. ★GRADUS.\*** (Prosperity.) This pea is nearly as early as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length containing 8 or 10 sweet and fine flavored peas. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.

**330. AMERICAN WONDER.\*** The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within seven weeks from planting. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.



Telephone, Most Famous Market Variety.

**322. ★IMPROVED TELEPHONE.\*** Vines, 4 feet high; pods, dark green, 3 1/2 to 4 inches long, containing from 5 to 10 peas each. The leading variety among market gardeners. Comes into bearing in about 65 days. Yields abundantly, sweet and luscious peas. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.35, postpaid. Not prepaid, 100 lbs., \$18.00.

**335. ★OLDS' DWARF TELEPHONE.\*** (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high, but requiring no support. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$20.00.

**334. THOMAS LAXTON.\*** In earliness only two or three days behind Alaska, and in yield and quality far superior. The pods contain sweet, large peas of fine flavor. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$18.00.

**333 1/2. ALDERMAN.\*** One of the best of the early main crop peas of the Telephone type. Pods 5 inches in length. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$18.00.

**333. ★OLDS' ENGLISH WONDER.\*** This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. Proving very popular. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$19.00.

**320. SURPRISE OR ECLIPSE.\*** One of the earliest wrinkled peas. Pods of good size and well filled with tender, sweet peas. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$18.00.

**321. HEROINE.\*** A good second early. The vines, 2 1/2 feet high, bear profusely large handsome pods, well filled with large, sweet peas of fine flavor. Large pkt. (2 ozs.), 10c; 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$17.00.

**326. IMPROVED STRATAGEM.\*** Best of all the large podded, late peas. Vines about 20 inches tall, ordinarily requiring no support. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$20.00.

## THREE GOOD PEAS FOR SUCCESSION.

The three varieties named just above make a splendid succession—Surprise for first early, Heroine for second early, Improved Stratagem for late. Large pkt. each of the three, 20c; 1/2 lb. of each, 50c; 1 lb. of each, 90c; 2 lbs. of each, \$1.60, postpaid.

**327. CHAMPION OF ENGLAND.\*** A very sweet pea. A standard main crop variety. Large pkt. (2 ozs.), 5c; 1/2 lb., 15c; 1 lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 100 lbs., \$17.00.

**341. MAMMOTH LUSCIOUS SUGAR.** Eaten pod and all, like String Beans. Pods are stringless. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; 1 lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$20.00.

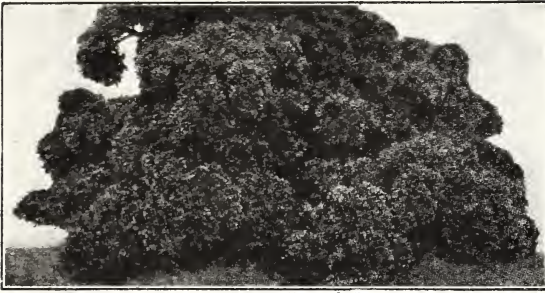


**FOR GARDEN PEAS, BEANS AND SWEET PEAS.** Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Not an expense, but a necessary investment for the best results. Price, Garden Size, 22c, postpaid. Not prepaid, 20c. **OLD GOLD INOCULATION.** (Jelly form.) At same price. See page 5.



## PARSLEY

One packet of Parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.



Champion Moss Curled Parsley.

**305. CHAMPION MOSS CURLED.** A very fine variety. The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. Besides its use as a vegetable, it is a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

**309. HAMBURG** (Turnip Rooted). The edible root of this variety resembles in color and shape a small parsnip. These may be stored in the cellar for winter use. The leaves are similar to plain parsley. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

## PEPPER

Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants. An ounce, 1,500 plants.

**356. ★HARRIS' EARLIEST.** Earliest of all. This fine new pepper is especially recommended for its earliness. Also for its productiveness. It is not however a large variety. Small fruits borne in clusters and very mild and sweet. Pkt., 10c; oz., 65c; ¼ lb., \$1.90; lb., \$6.00, postpaid.

**353. HARRIS' EARLY GIANT.** Our new pepper. Described fully on page 30. Best of all peppers. Not only early but of large size and the heaviest yielder of all. Pkt., 15c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.



Ruby King.

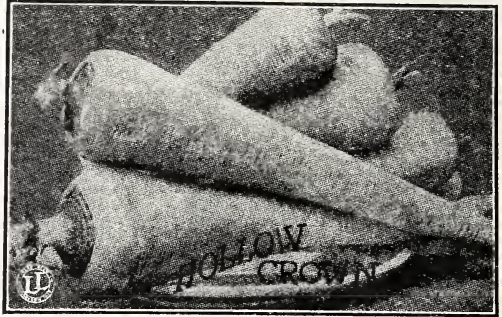
**350. ★RUBY KING.** One of the most popular varieties and satisfactory for both home and market garden. It grows 4½ to 6 inches long, and 3½ to 4 inches thick. The peppers are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 10c; oz., 40c; ¼ lb., \$1.30; lb., \$4.00, postpaid.

**351. BELL OR BULL NOSE.** A standard early variety. Has a vigorous plant growing two feet high. The peppers are large with thick, mild, sweet flesh of excellent quality. Pkt., 10c; oz., 35c; ¼ lb., \$1.20; lb., \$3.50, postpaid.

## PARSNIP

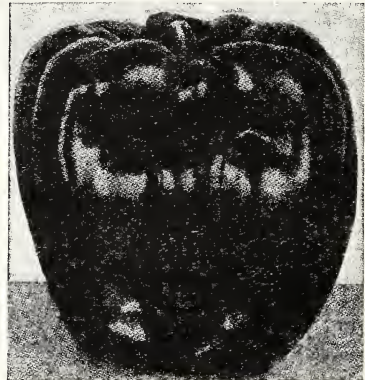
Sow as early in the spring as possible, in drills 15 inches apart, covering half an inch deep. When well up, thin to 5 or 6 inches apart in the row.

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.



**310. ★IMPROVED GUERNSEY.** A much better variety than its parent, the Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily pulled. It is a very heavy yielder; roots, smooth; flesh, fine-grained and of excellent flavor. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

**311. HOLLOW CROWN.** The old standard parsnip, long rooted, sweet flavored and desirable. Excellent, also, for stock feed. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c, postpaid.



Chinese Giant.

**354. ★CHINESE GIANT.** One of the very best and largest mango peppers. Its great size, fine shape, and beautiful, glossy red color and mild flavor all recommend it. It is very productive. Pkt., 15c; oz., 75c; ¼ lb., \$2.25; lb., \$7.00, postpaid.

**352. GOLDEN QUEEN.** The largest and sweetest pepper, often eight or nine inches long and 4 to 5 inches thick; sometimes as many as 20 large yellow peppers are produced on a single plant. Pkt., 10c; oz., 50c; ¼ lb., \$1.65; lb., \$5.00, postpaid.

**355½. RED CHILI.** A rather late variety, with peppers about ½ inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 5c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

**356½. PIMIENTO.** This variety is used not only for salads and mangoes, but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

**358½. HOT VARIETIES MIXED.** Including Chili, Cayenne, Tobasco and others. As "hot as fire." Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

## PEPPER PLANTS

**HARRIS' EARLY GIANT AND RUBY KING.** Ready about May 15th. Doz., 40c; 50 for \$1.25, postpaid.



## PUMPKIN

Our seed is from pumpkins grown for seed purposes. Each packet contains  $\frac{1}{4}$  oz. of seed, sufficient for 8 or 10 hills. Three to four pounds will plant an acre alone; one pound an acre with corn. Farmers should grow more pumpkins for a cheap feed.



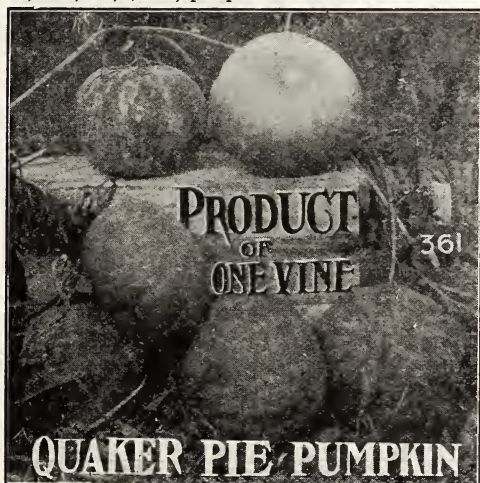
Connecticut Field Pumpkin.

362. **★LARGE CONNECTICUT YELLOW FIELD.** The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops in about 65 days. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c; 5 lbs., \$2.50, postpaid. Not prepaid: 10 lbs. or more at 40c.

363. **SMALL SUGAR.** The famous New England Pie Pumpkin. A rather small round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00; 5 lbs., \$1.50, postpaid.

360. **★KING OF THE MAMMOTHS.** This variety surpasses all others in size; specimens often weighing 200 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

364. **WINTER LUXURY.** A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted, and a beautiful dark red color. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



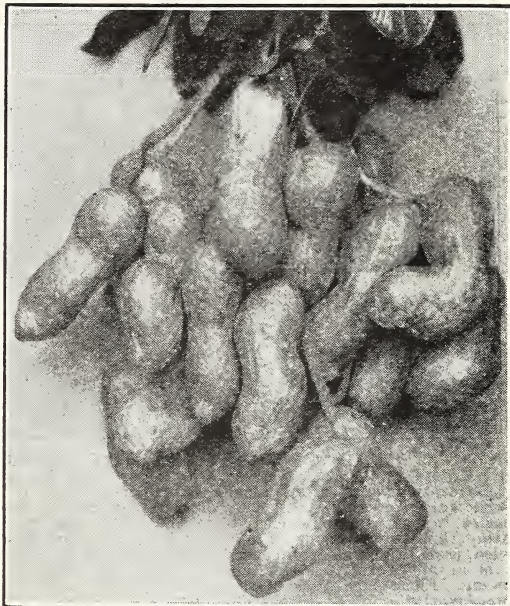
361. **★QUAKER PIE.** A distinct and very prolific variety, nearly round, somewhat inclining to pear shape, and of a creamy white both inside and out; the flesh is fine grained and rich in flavor; a good keeper and among the best for pies. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

### OKRA.

278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**HORSE RADISH ROOTS.** 12 for 25c; 100 for \$1.25, postpaid.

## PEANUTS



Mammoth Virginia Peanuts.

315. **MAMMOTH VIRGINIA.** The largest, sweetest and heaviest yielding variety. The stems are erect and so more easily cultivated than the common spreading varieties. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Any boy or girl can grow peanuts in the north. Large pkt., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c; 5 lbs., \$1.50, postpaid.

## RHUBARB



395. **LARGE VICTORIA.** A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until the plants have had a full season's growth. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.30, postpaid.

### RHUBARB ROOTS—LARGE VICTORIA.

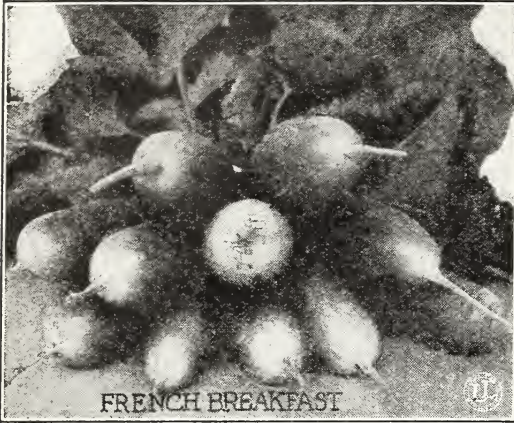
After the long winter months with their lack of fresh fruit, early spring Rhubarb is a most welcome treat. In sauce or pie it seems to have a more universal appeal than any other fruit of the year. Rhubarb is very easy to grow. We use whole roots for filling orders, and they are freshly dug. These will give big, tender, juicy stalks soon after planting. If grown on rich ground and if not used too freely the first season, they should later produce 20 to 30 stalks to a plant, 15 to 20 inches long.

We grow our own Rhubarb roots as well as Asparagus roots, making quite a specialty of it. You will like the roots we send you. 3 for 40c; 12 for \$1.25, postpaid. Not prepaid: 25 for \$1.75; 100 for \$6.00.



# RADISH

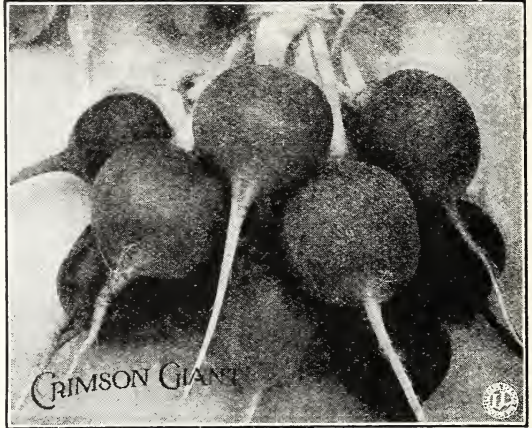
Our radish seed is northern grown. Each packet contains enough seed to sow from 25 to 30 feet of drill; 10 to 12 pounds will sow one acre in drills. We especially recommend those marked with a star.



FRENCH BREAKFAST



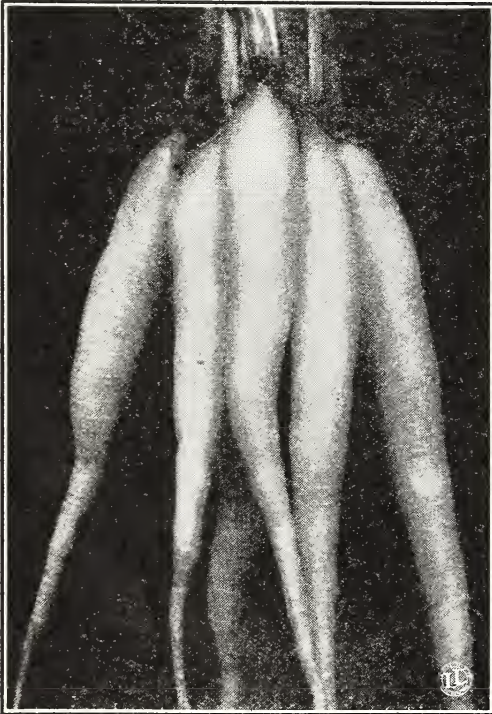
**373. ★OLDS' SPECIAL STRAIN OF FRENCH BREAKFAST.** Our largest seller with the exception of White Icicle. French Breakfast is a quick growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about  $\frac{3}{4}$  of an inch through and about twice that in length, with very small top and tap root. It is usually ready for the table in about 25 days from sowing. Flesh pure white and very crisp, tender, and mild. Our favorite radish. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



CRIMSON GIANT

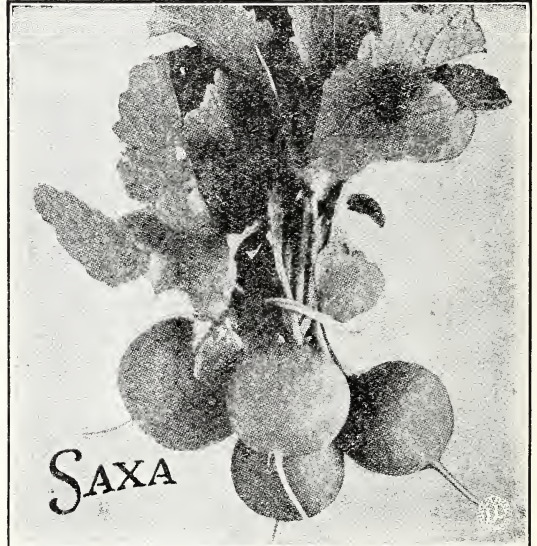
**376. ★CRIMSON GIANT.** This is a new extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and out-door growing, developing roots of a handsome deep crimson, which vary in shape from round to oval. Flesh pure white; flavor, mild. We highly recommend this radish. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.15; 5 lbs., \$4.75, postpaid.

**371. ★OLDS' EARLY SCARLET TURNIP.** Scarlet Turnip is a splendid, early round, bright red radish; flesh white, crisp and tender. A great favorite both with market gardeners and home gardeners. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., 90c; 5 lbs., \$3.75, postpaid.



White Icicle.

**385. ★WHITE ICICLE.** An old American variety, and by many considered the finest of all for table use. The roots attain a length of about  $5\frac{1}{2}$  inches, tapering regularly from near the shoulder to the tip. It keeps in condition a long time, and is crisp, mild and sweet. Color pure white. We sold more seed of White Icicle last year than of any other radish. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10; 5 lbs., \$4.50, postpaid.



SAXA

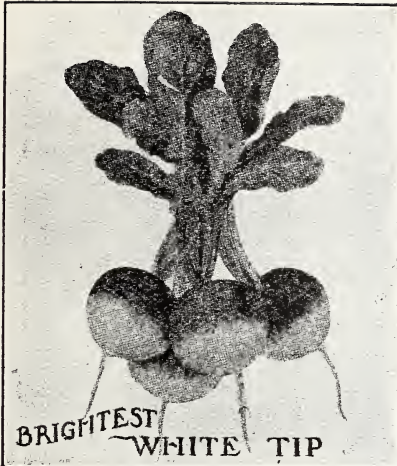


**375. SAXA.** This new variety is of a fine scarlet color, round with a very small top and tap root. It is very early, and has been placed on the dining table in three weeks from the time the seed was sown. Very crisp, juicy and mild. It may be sown as early in the spring as the garden can be worked, and is adapted to greenhouse culture. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

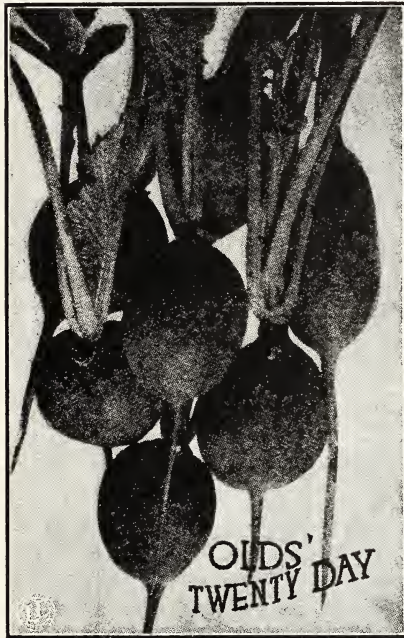
**384. CINCINNATI MARKET.** An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. One of the very best market varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.



# RADISH



370½. **★OLDS' BRIGHTEST WHITE TIP.** (Sparkler.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper, bright scarlet. This contrast makes it especially attractive. Mild, crisp and sweet. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



374. **★O L D S' TWENTY DAY.** An extra early, olive-shaped, deep scarlet radish. It is especially adapted for forcing and has been known to grow so rapidly as to make table size in twenty days from planting. It is also an excellent garden variety, flesh crisp and mild, attractive in appearance, and one of the very earliest of all radishes. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

377. **EARLY SCARLET GLOBE.** (Vick's.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. A very fine variety and a very popular radish. One of the largest sellers. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.50, postpaid.

## SEED POTATOES

Do not overlook our Seed Potatoes offered on pages 24 to 27. We have long made a specialty of choice dependable stock of the leading varieties.

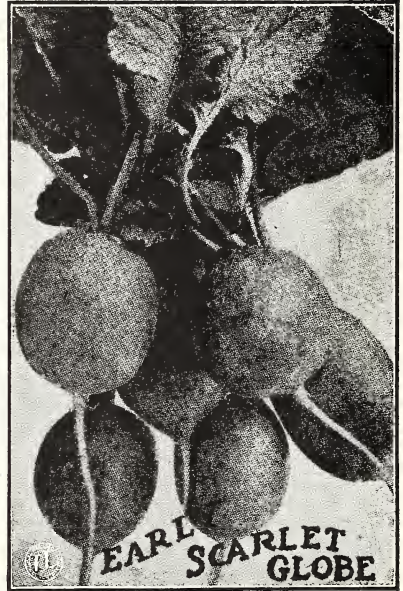


Olds' Snowball Radish.

378. **★OLDS' SNOWBALL.** (White Box.) A medium sized, round variety, largely grown for summer use. It has a small top, skin pure white. Mild and sweet. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

## MARKET GARDENERS' PRICE LIST.

If you are a Market Gardener ask for our "Wholesale Market Gardeners' Price List."



## WINTER RADISHES.

390. **NEW WHITE CHINESE.** (New Celestial.) A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use, on account of large size and handsome appearance. Can be sown any time from July 1st to August 15th. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.

391. **CHINA ROSE WINTER.** Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through fall and winter. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.

392. **LONG BLACK SPANISH.** One of the oldest but one of the best. The skin is black, and the flesh white and firm. Grows 8 or 9 inches long and 2 to 3 inches in diameter and thus is a great yielder. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.

394. **OLDS' MIXED RADISH.** An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of an interesting variety. He may choose long, olive or turnip-shaped, in white, red or rose. This mixture will furnish good radishes for a long season with only one planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.

## REGARDING WINTER RADISHES

There is an evident misunderstanding in regard to winter radishes which we would like to correct. Many people insist on planting winter radishes in the spring the same as other radishes. This will not do. They should not be planted until July or if the weather is very dry better wait until August. Winter radishes are good to eat as soon as they are large enough. The flavor is as good or better than spring radishes and they are much larger in size. For winter use, dig them and pack them in earth the same as parsnips, salsify, or celery.



# SQUASH

The seed we offer is from squashes grown strictly for seed and is all high grade seed. A packet will plant 8 or 10 hills; 3 to 4 pounds an acre in hills. Use "Evergreen" or "Sure Nozem" for the bugs. See page 93.

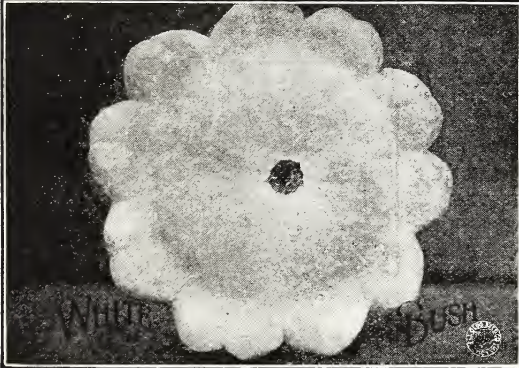


A Typical Specimen of a True Hubbard.

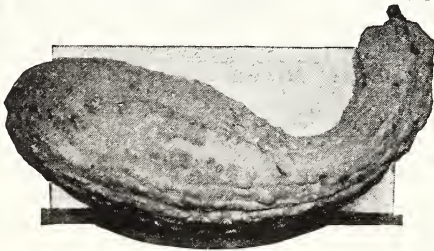
411. **★TRUE HUBBARD.** Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

413. **GOLDEN HUBBARD.** (Red Hubbard.) Identical in form and fruitfulness with True Hubbard, but somewhat smaller and earlier. The moderately warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

418. **BLUE HUBBARD.** A new type of Hubbard similar to the original except that it is blue grey in color. Said to be superior to all other Hubbards in quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

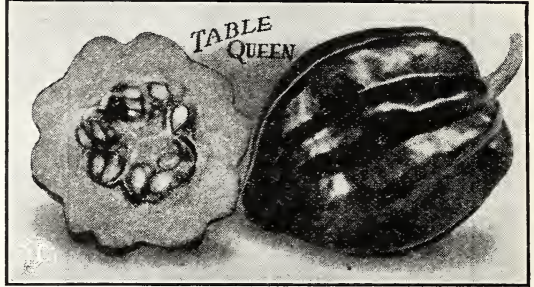


405. **MAMMOTH WHITE BUSH SCALLOP.** Pat. Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick, of fine quality. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15; 5 lbs., \$4.75, postpaid.

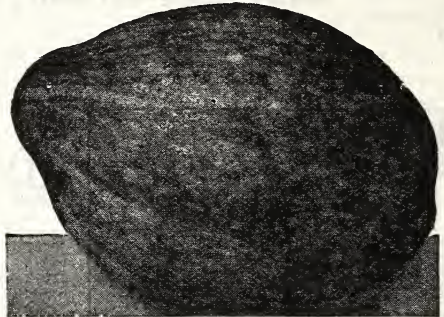


Giant Summer Crookneck.

407. **★GIANT SUMMER CROOKNECK.** The fruit is of an attractive golden-yellow color, covered with fine warts. Grows 15 to 20 inches long. The few seeds are all in the blossom end. Very prolific, of good quality, and the most popular of the summer varieties. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



409. **★OLDS' TABLE QUEEN.** This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Equal to the Hubbard in flavor, dryness and keeping qualities and just the right size to cut in half, (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in diameter. Vines vigorous and very productive. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 5 lbs., \$7.00, postpaid.



Delicious.

410. **★DELICIOUS.** This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh deep orange. An excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

420. **MAMMOTH CHILI.** The largest squash of all, sometimes attaining a weight well over 100 pounds. It yields enormously, from 8 to 15 tons per acre; widely used for stock feeding. Bright orange color. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

## SWEET POTATO PLANTS.



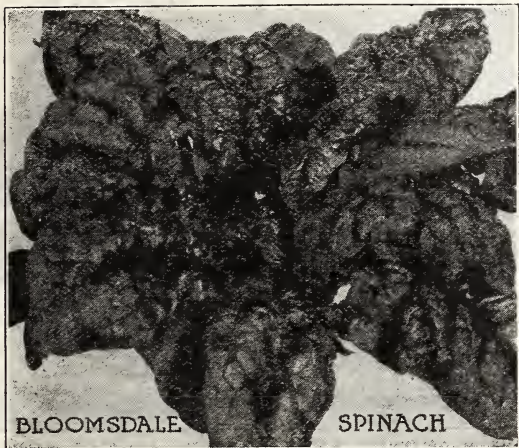
**YELLOW JERSEY.** A standard well known variety and no doubt the best. Grow your own sweet potatoes. The yield will please you. Plant on light sandy soil if you have that kind but sweet potatoes will succeed in the north on most any soil if grown from the plants. It is not difficult to grow them.

Prices: 100 plants for \$1.50; 1,000 plants, \$8.50, postpaid. Not prepaid: 1,000 for \$7.00; 5,000 for \$30.00. (Ready about May 15th or later according to the weather.)



## SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is new crop and as low in price as first quality seed can be sold for. Our packets each contain seed sufficient for 12 to 15 feet of drill; 10 to 12 pounds will sow an acre in drills. Treat the seed with Semesan. See page 28.



BLOODSDALE SPINACH

### 402. ★BLOODSDALE. (New Long-Standing Strain.)

This is a very early variety and one of the best to plant in the autumn for early spring use. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy, but seeds quickly in warm weather. Suitable for home gardens but better adapted for growing by market gardeners. A widely used variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 50c; 5 lbs., \$2.00, postpaid.

400. **VICTORIA.** This is one of the best known varieties. The foliage is heavy, the broad, dark green leaves being slightly crumpled, rather pointed, and of the finest quality. It is grown extensively both by home gardeners and market growers for spring, early summer and fall use. Stands hot weather well and is exceedingly slow to shoot to seed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 45c; 5 lbs., \$1.75, postpaid.



401½. ★**KING OF DENMARK.** A new spinach and a very valuable introduction. The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. We believe this variety will become the leader. Equally valuable for both the home and market gardener. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 5 lbs., \$2.50, postpaid.

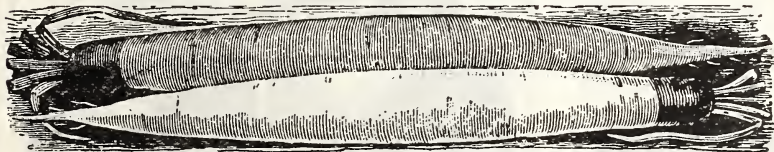


### 403. ★OLDS' LONG SEASON. (Triumph.)

About the best long season spinach. The plant makes a flat rosette of very dark green, broad, crumpled, tender leaves. Remains in good condition through hot summer weather and stands an exceptionally long time without running to seed; one of the best for spring and early summer planting. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 5 lbs., \$2.50, postpaid.

403½. **NEW ZEALAND.** Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.

## SALSIFY OR VEGETABLE OYSTER



Mammoth Sandwich Island Salsify.

397. **MAMMOTH SANDWICH ISLAND.** This is the best variety of Salsify, in fact the only one worth considering. The roots are long, smooth and straight. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

**Culture.** Drill the seed in rows, 20 inches apart or whatever distance apart fits your method of cultivation. Plant as early in the spring as the ground will do to work and cover with about an inch of soil; sandy loam, rich in humus is best. A packet of seed will plant 12 to 15 feet of row. Thin the plants to 4 or 5 inches apart. Salsify may be left in the ground all winter, the same as parsnips.

**Recipe for use:** Scrape the roots clean, cut in slices and boil in water. When cooked soft, (do not drain) add milk and flavoring, the same as for oysters. Salsify has a decided oyster flavor; easy to grow and easy to prepare.

### Gardening for Health.

Vegetables from your own garden not only taste better than those you buy but they are more healthful. It has been thoroughly established now that vegetables rapidly lose their vitamins by standing and it is the vitamins, especially in the green vegetables, such as lettuce, cabbage and spinach, that give them their value.

## TOBACCO

All the tobacco seed we offer was grown by W. T. Pomeroy, well known tobacco expert of Rock County, Wisconsin. This is a guarantee of the quality of the seed.

500. ★**COMSTOCK SPANISH.** The oldest and best known tobacco in Wisconsin.

The genuine strain of Comstock Spanish is known for its vigor of growth; its broad heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Our seed was cleaned and tested at the Wisconsin Experiment Station. This tobacco has been endorsed by 65 leading tobacco packers, by the officials of the Wisconsin Tobacco Pool, and by the Wisconsin Experiment Station through Professor James Johnson. Pkt., 25c; oz., 75c; ¼ lb., \$2.75, postpaid.

503. ★**WISCONSIN CONNECTICUT HAVANA NO. 38.** The years spent by Professor Johnson of the Wisconsin College of Agriculture in selecting and experimenting with the varieties of Wisconsin tobacco, have resulted in the development of Wisconsin No. 38. It is the progeny of a single plant produced by careful breeding and selection. This variety has the endorsement of the Wisconsin Tobacco Pool. Pkt., 25c; oz., \$1.00; ¼ lb., \$3.50.

504. **WISCONSIN HAVANA NO. 142.** A new resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. A full stand of this tobacco may be had on land that will yield only a half crop of the ordinary varieties. Pkt., 20c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25; lb., \$8.00, postpaid.



# TOMATO

Our seed is from tomatoes grown for seed and is northern grown. This is important. A packet will produce 300 plants.

425. **★SPARK'S EARLIANA.** Best early. No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—deep red flesh. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

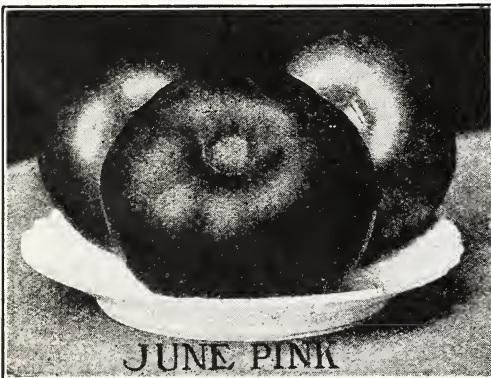


435. **OLDS' SPECIAL EARLIANA.** An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Extra select seed. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

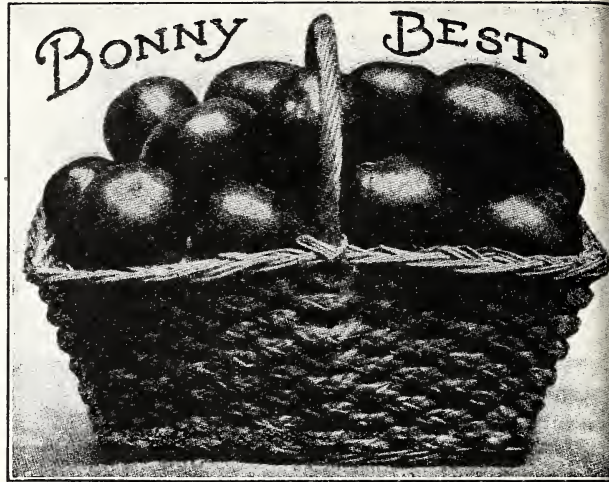
433. **★NEW MARGLOBE.** See page 30 for illustration and complete description. This is all the rage in the new varieties. Doubtless more popular right now than any other tomato and deservedly so. Resists wilt and rust in a wonderful way. All right for quality and appearance, pure scarlet in color, and a big producer. Pkt., 15c; ½ oz., 40c; oz., 65c; ¼ lb., \$1.90; lb., \$6.00, postpaid.

428. **FORDHOOK FIRST.** A perfectly smooth, solid tomato of first class appearance, maturing very early. The introducer, Burpee, says of it: "We consider it the most outstanding early pink-fruited tomato in existence. The fruits grow to a good size and are borne most prolifically all over the vines." Pkt. 5c; ½ oz., 15c; oz., 25c; ¼ lb., 85c; lb., \$3.00, postpaid.

432. **DWARF CHAMPION.** A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50, postpaid.



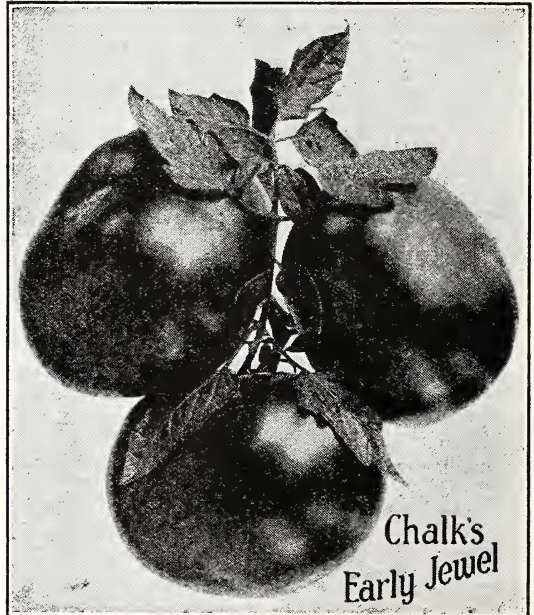
443. **★JUNE PINK.** The earliest of all pink tomatoes. A good yielder, of high quality, running very smooth for an early sort; similar in habit and shape to the Earliana, differing from it in color only. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; lb., \$5.00, postpaid.



444. **★BONNY BEST.** An extra fine early variety for the home garden. A few days later than Earliana. The color is bright red; ripens evenly to the stem. It is a vigorous grower and productive. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

426. **★SUCCESS.** Just right for a second early; bright red, of fine flavor and handsome in appearance. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$2.75, postpaid.

439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40; lb., \$4.50, postpaid.



434. **★CHALK'S EARLY JEWEL.** An exceptionally fine early variety, only a few days later than Earliana. Large handsome fruit, smooth, round and solid, with comparatively few seeds, and sweet flavor. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50, postpaid.

**TREAT TOMATO SEED WITH SEMESAN.** Commercial field tests near Wilmington, Del., have shown a 25 per cent increase in yield from treated seed over untreated. See page 28.



# TOMATO



427. **★NEW STONE.** The standard main crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

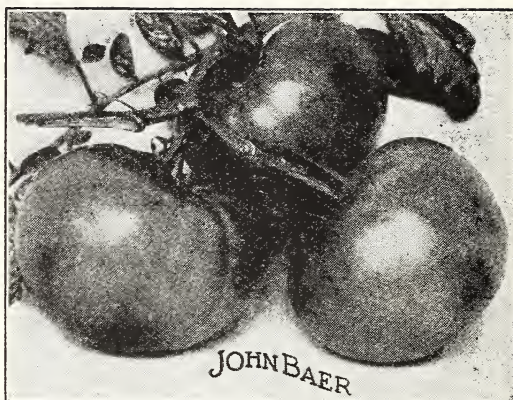
430. **★DWARF STONE.** One of the best of the dwarf varieties. Fruit large, smooth, solid and deep scarlet. Plants stocky. A desirable home garden variety. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50, postpaid.

429. **★MATCHLESS.** A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid. A long keeping variety. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$2.85, postpaid.

438. **★ENORMOUS.** Also called Beefsteak and Crimson Cushion. Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

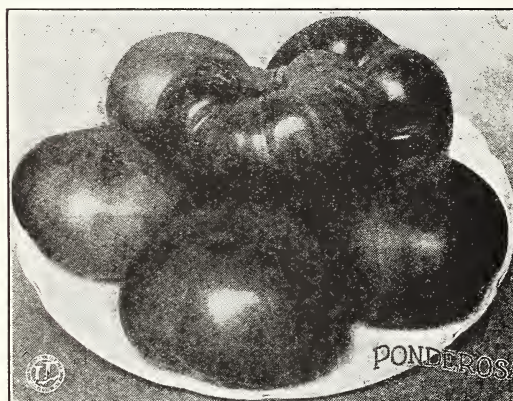


440. **★LIVINGSTON'S NEW GLOBE.** A beautiful globe in shape. Very smooth, purplish pink. A rich, juicy tomato, ideal for the home garden, excellent for slicing. Flesh firm with few seeds. Very prolific. It ripens with the second earlies. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.



436½. **★JOHN BAER.** A new variety of merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

431. **★TRUCKERS' FAVORITE.** A good main-crop variety of the same season as Matchless and equally as productive. Fruits large, purple, regular in size and form, thick meat and solid. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., 95c; lb., \$3.00, postpaid.



437. **★PONDEROSA.** The giant tomato. The tomatoes grow in beautiful clusters, mostly oblong in shape, with solid flesh. Color deep purple. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

## SMALL FRUITED TOMATOES.

Prices, all varieties: Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

455. **★GROUND CHERRY or HUSK TOMATO.** The small yellow fruit has a flavor all of its own. The fruit is protected by the loose fitting outer husk.

446. **★YELLOW PEAR.** Fruit a bright handsome yellow. Usually grown for preserves and "tomato figs."

447. **★YELLOW PLUM.** Perhaps even more popular for preserves than Yellow Pear. Grows in clusters.

449. **★RED CURRANT.** Smaller than Yellow Cherry and red in color. Used for pickles, preserves, etc.

## HOME GROWN TOMATO PLANTS.

Ready about May 10th.

These plants are hotbed grown and transplanted, and hardened, the very best plants that can be produced.

We offer the following varieties only: Earliana, Chalk's Early Jewel, Dwarf Stone, Ponderosa and Ground Cherry. Prices postpaid: 12 for 35c; 50, \$1.25; 100, \$2.25.

## "FERTILIZE YOUR TOMATOES, IT PAYS."

6 page folder of valuable information and suggestions free for the asking.



# TURNIPS AND RUTABAGAS

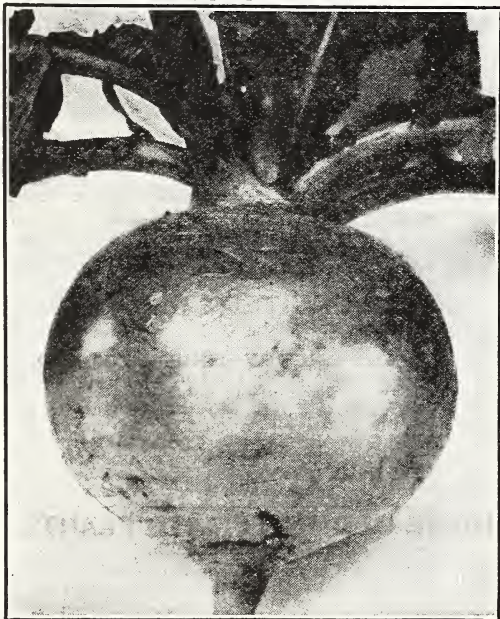
A packet of turnip seed will sow 50 feet or more. One pound an acre in drills; 2 to 3 pounds an acre broadcast.



**460. ★OLDS' PURPLE TOP STRAP LEAF TURNIP.** The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. It makes a wonderful pasture after harvest and costs practically nothing. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 65c; 5 lbs., \$2.50, postpaid. Not prepaid, 10 lbs. at 35c; 100 lbs. or more, at 30c.

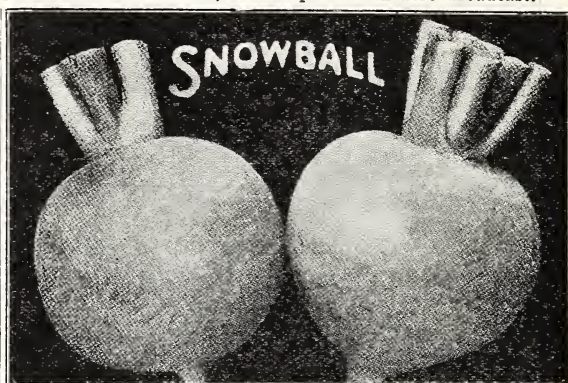
**463. WHITE FLAT DUTCH TURNIP.** A popular table variety. Early, quick growing and tender; skin clear white; flesh juicy; flavor mild; shape flat. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 5 lbs., \$2.50, postpaid.

**467. COW HORN TURNIP.** Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long and 3 inches in diameter. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.



Purple Top White Globe Turnip.

**465. ★OLDS' PURPLE TOP WHITE GLOBE TURNIP.** Very attractive in appearance; almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid. Not prepaid, 10 lbs. at 40c; 100 lbs. or more at 35c.



**466. OLDS' SNOWBALL.** Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.

**474. MIXED TURNIPS.** By sowing this well balanced mixture, you are assured turnips of long, round and flat shapes from early summer until winter. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50, postpaid. Not prepaid, 10 lbs. or over at 30c.



**475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA.** This is an improved strain of the well known standard variety. It is a very heavy yielder, and has no tendency to grow long necks as some varieties do. It is very hardy, a fine keeper, and very satisfactory for both table use and feeding stock. Roots are large, globe shaped, with a very small tap root; color bright yellow with a purple top; tender and sweet. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid. Not prepaid, 10 lbs. or more at 35c.

**477. NEW NECKLESS RUTABAGA.** The roots grow to a large size, and are almost globular in form. The flesh is fine-grained, of a yellow color, mild and sweet. Will keep until late in the spring. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 5 lbs., \$2.75, postpaid.

## Vitamines and Minerals for Health.

The vitamins and minerals which make the vegetables so valuable in their diet for health are found in greatest amount in vegetables that are strictly fresh. Those you cannot buy. You have to grow them yourself. People who have never eaten home-grown vegetables do not know what first quality vegetables are. Resolve to have your own vegetable garden this year.



## OLDS' FLOWER NOVELTIES

### THREE OF THE BEST NEW ONES FOR 1929.

(These are the Flowers Shown in Colors on the Front Cover Together with the New Crimson Monarch Zinnia Described on Page 72)



Larkspur, La France.

1016. ★**LARKSPUR.** H. A. La France. Perhaps the outstanding novelty of the season. The most striking in color of all varieties of larkspur and also more vigorous and taller growing than any other light shades. The color is of a pleasing salmon-pink. The large, well formed double flowers, well placed on the long stems, present a beautiful appearance that wins instant admiration from the most critical.

La France came true the first season it flowered and has continued to remain pure line during the three years it has been under observation. It is offered as the best in color for florists' use as well as something that will prove wonderfully satisfactory to the home gardener. This is the annual variety of Larkspur and will grow and bloom the first year from the seed. Pkt., 25c.

1108. ★**PETUNIA.** H. A. Carnation Flowered. A remarkable new strain of petunia, the result of years of selecting and re-selecting. The flowers are medium sized, resembling carnations. Some are very double and look like a full double carnation. The color is a deep shade of rose, wonderfully pleasing. This is not a dwarf variety but medium in growth and very floriferous.

We recommend this new petunia to our customers as not only the very choicest strain of petunia to be found anywhere, but a flower that will give the utmost satisfaction and pleasure to everyone. Pkt., 30c.



New Calendula Campfire. (Sensation.)

868. ★**CALENDULA.** H. A. Campfire. (Sensation.) A distinct new type of Calendula originated from Orange King. Larger blooms than on any variety previously introduced. Of vigorous growth, the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very large and handsome. This new variety has been thoroughly tested and accepted as the best orange forcing calendula for florists' use. It will prove just as satisfactory also for the home garden. Pkt., 20c.



New Carnation Flowered Petunia.



# OLDS' CHOICE FLOWER SEEDS

## A Select List of Annuals and Perennials

Our Flower Seeds are equal to the best offered anywhere. We have used great care in selecting the varieties and strains and our seed is from the very best flower seed growers of Europe and America.

Our descriptions are brief but we have tried to make them complete enough so that our customers will have no difficulty in selecting just what they want. The meaning of the initial letters preceding each variety is as follows:

A. indicates **Annuals**; these grow, bloom and die the first year.

B. indicates **Biennials**; these grow the first year and bloom and die the next.

P. indicates **Perennials**; these grow the first year, bloom the second and from year to year thereafter.


H. indicates **hardy plants**. H. H. indicates **half-hardy plants**.

T. indicates **tender plants**.

Thus H. H. A. would mean a half-hardy annual, and T. P. a tender perennial.


## OLDS' ASTERS

Asters are most desirable of all autumn hardy annuals, for during the early fall when all nature is a riot of reds and yellows, they produce the blues and purples that perfect the color scheme. Our seed is the best California grown.

 **800. ★Olds' Finest Mixed.** This is a mixture of the very best varieties; large flowers, bright colors, a splendid assortment. Our leader in asters. Include it in your order sure. Pkt., 15c; oz., \$1.50.

**800½. Royal Mixed (Early Flowering).** A new class of American aster. Very large double flowers with distinctly incurved shell-shaped petals. Earlier than most varieties and remaining longer in bloom. Pkt., 10c; oz., \$1.00.

**802. Giant Comet Mixed.** Immense double flowers, resembling chrysanthemums. Pkt., 10c.

 **802½. ★Olds' Giant Branching (Mixed).** The finest of all asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy peony-like flowers. Pkt., 15c.

**803½. ★Sensation.** This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 15c.

**804½. ★Giant White (Branching).** One of the best white asters. Four inches in diameter. Pkt., 10c.

**805½. Giant Shell Pink (Branching).** The best clear light pink. Large flowers, graceful in form. Pkt., 5c.

**806. White Ostrich Plume.** Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness; very suitable for cut flowers. Pkt., 10c.


**807½. Giant Crimson (Branching).** A new variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 10c.

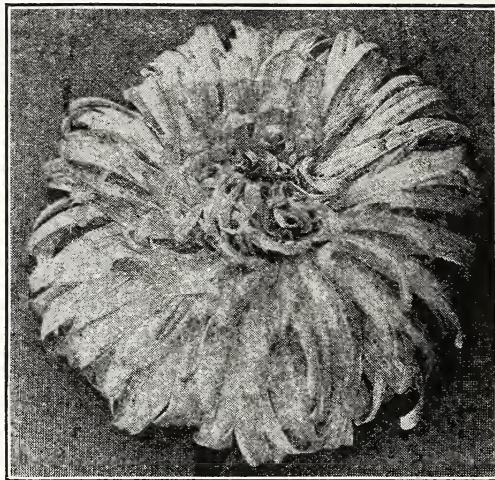
**808½. Giant Blue (Branching).** Almost a pure lavender shade, approaching an azure blue. Pkt., 10c.

**809½. Giant Purple (Branching).** A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c.

**812. ★Alice Roosevelt.** Large yellow flowers changing to flesh color. Pkt., 10c.

**812½. ★Silver Rose.** A robust, long-stemmed, large-flowering new variety. Ashes of roses exactly describes the color of this new Aster. Very beautiful. Pkt., 15c.

 **819. ★Olds' Everlasting Aster.** A curious new Aster resembling a Helichrysum. When cut and dried it has the color and shape of an everlasting flower. Plant early in the spring. Pkt., 20c.



Olds' California Giant Double Aster.

 **817. ★Olds' California Giant Double, Mixed.** The most popular new Aster. A combination of the sturdy habit of growth and long stems of the Beauty type of Asters with the well-known Ostrich Feather type of large, graceful flowers. The colors are white, peach blossom, light blue, light purple, deep rose and dark purple. Our mixture combines all of these.

Every flower seed order should include at least one packet of this wonderful new Aster. There is nothing equal to it today in the Aster line. Pkt., 20c; 3 pkts., 45c.

### ASTER PLANTS.

**Royal Mixed.** Fine early flowered for bedding. Olds' **Giant Branching.** Mixed colors, long stemmed, the finest aster for cutting. Doz., 40c; 50 for \$1.25, postpaid.

## FLOWER SEED COLLECTIONS.

### ANNUAL COLLECTION NO. 2.

12 packets of seeds—value \$1.00 for only 70c, postpaid.

Alyssum, Little Gem	.....\$0.10
Snaptagon, Giant Fragrant	......05
Bachelors Button, Mixed	......05
Balsam, Olds' Camellia Mixed	......10
Calendula, Double Mixed	......05
Calliopsis, Fine Mixed	......10
Celosia (Coxcomb), Ostrich Plume	......10
Cosmos, Extra Early Colossal Mixed	......10
Dianthus, Mixed	......10
Four O'Clock, Fine Mixed	......05
Marigold, Mixed Dwarf French	......10
Poppy, Olds' Finest Mixed	......10

THE ENTIRE 12 PACKETS FOR 70c, POSTPAID. \$1.00

**COLLECTION NO. 4—ANNUAL VINES FROM SEEDS.**  
One packet each of the following six vines—value 50c, for 35c, postpaid.

Cypress Vine	.....\$0.10
Scarlet Runner	......10
Morning Glory	......05
Japanese Hop	......10
Hyacinth Beans	......10
Mixed Gourds	......05

ALL 6 PACKETS FOR 35c, POSTPAID. \$0.50



HEART OF FRANCE

**805. ★Heart of France.** The best pure red aster ever introduced; flowers large and full, purest ruby. Commands instant admiration for its striking beauty. Pkt., 20c.



## OLDS' CHOICE FLOWER SEEDS

820. **ABUTILON.** T. P. (Flowering Maple, Chinese Bell Flower.) A quick-growing plant with large, mallow-like, pink or red blossoms. Pkt., 15c.

825. **AGERATUM.** H. H. A. (Floss Flower, Paint Brush.) One of the best bedding plants, bearing bright blue flowers in greatest profusion from early summer until frost. Pkt., 10c.

831. **ALYSSUM, SWEET.** H. A. (Carpet Flower.) Little Gem. Carpet of snow. One of the finest annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 10c.

833. **ALYSSUM, SWEET.** H. P. Saxatile. A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c.

**ANTIRRHINUM.** See Snapdragon, page 71.

850. **ASPARAGUS FERN.** T. P. Plumosus Nanus. (Lace Fern.) The daintiest and airiest of all the ferns. Very easy to grow from seed. Pkt., 15c.

**BABY'S BREATH.** See Gypsophila. No. 994, page 68.

855. **★BACHELOR'S BUTTON.** H. A. (Centaurea, Corn Flower, Blue Bottle, Ragged Sailor, etc.) Mixed. Although not a pretentious plant, Bachelor's Button is one of the popular, hardy, old-fashioned annuals. Re-seeds itself and is excellent for winter dried flowers. Pkt., 10c.

**BLANKET FLOWER.** See Gaillardia, page 67.

**BUTTERFLY FLOWER.** See Schizanthus, page 71.



Aquilegia or Columbine.

845. **★AQUILEGIA.** H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers, spurred and honey-laden. Pkt., 10c.

865. **CALENDULA.** H. A. (Pot Marigold.) Double Mixed. Freely flowering plants of easiest culture, succeeding everywhere. Pkt., 5c.

866. **★CALENDULA.** H. A. Orange King. A very select, double, dark orange-red calendula. Pkt., 10c.

867. **★CALENDULA.** H. A. The Ball. A particularly fine variety. It has immense double flowers of a brilliant, glistening orange color, borne on long stems. Pkt., 15c.

868. **★CALENDULA.** H. A. Campfire. Largest and newest calendula. See page 63, also front cover. Pkt., 20c.

880. **CANARY BIRD FLOWER.** H. A. A dainty vine with ornamental cut leaves, and dainty, canary-yellow flowers of curious shape. Pkt., 10c.

885. **CANDY-TUFT.** H. A. Olds' Choice Mixed. Well known, hardy plants, much used for borders and edging. Easy to grow. Pkt., 10c.

**CATHEDRAL BELLS.** Pkt., 10c. See Cobaea Scandens, page 66.

895. **CANTERBURY BELLS.** H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c.

**CANTERBURY BELLS PLANTS.** See page 81.



Olds' Camellia Mixed Balsam.

869. **★BALSAM.** H. A. (Lady Slipper.) Olds' Camellia Mixed. Another old time favorite, producing its gorgeous masses of brilliant colored flowers in great profusion. Very easy to grow. Pkt., 10c.

862. **BEGONIA.** T. P. Single Mixed. The well known perpetual blooming house plant. Pkt., 15c.

**CALIFORNIA POPPY.** See page 68.

875. **CALLIOPSIS.** H. A. Fine Mixed. Showy, yellow flowers, some with base of petals of deep maroon. Free-blooming, doing well in any sunny position and blooming all summer and fall. Pkt., 5c.

877. **★CALLIOPSIS.** H. P. (Coreopsis.) Lanceolata. One of the finest of the hardy perennials. Pkt., 10c.

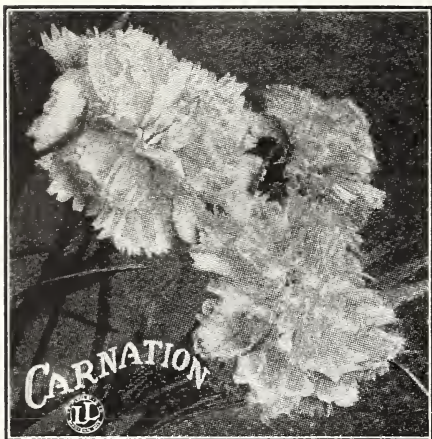
**COREOPSIS PLANTS.** See page 81.



Canterbury Bells.



# OLDS' CHOICE FLOWER SEEDS



New Giant Marguerite Carnation.

900. **CARNATION.** H. H. P. New Giant Marguerite. Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 15c.

901. **CARNATION.** H. H. P. Yellow Marguerite. A unique color in carnations. Pkt., 10c.

900½. **CARNATION.** H. P. Dwarf Vienna Mixed. Quite hardy with ordinary protection. Large, double flowers, produced in succession all summer. Pkt., 10c.

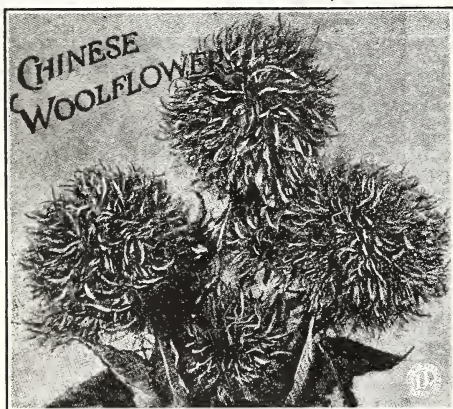
890. **CANNA.** H. A. Crozy's Best Mixed. Height, 2½ to 8 feet. Great clusters of brilliant bloom, borne on tall spikes, surmounting broad leaves of green, bronze or purple, giving a tropical effect. Easily grown from seed if planted early. Pkt., 10c.

**CANNA PLANTS.** See page 78.

898. **CARDINAL CLIMBER.** H. A. A very handsome vine with finely cut ornamental foliage; a strong, rapid grower attaining a height of 25 feet, and covered with a blaze of fiery, cardinal red flowers, somewhat resembling small Morning Glories with the bell turned back. Pkt., 15c.

**CASTOR BEANS.** Pkt., 10c. See Ricinus, page 71.

905. **CELOSIA.** H. A. (Coxcomb) Ostrich Plum. Very hardy annuals of easy culture producing large, ornamental, comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 10c.



1303. **CHINESE WOOLFLOWER.** H. A. The most showy of all garden annuals. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. The numerous flowers together with the bright green leaves look like an immense bouquet carefully arranged and set in the ground. None of the blooms fade until frosted. Pkt., 15c.

911. **CENTAUREA IMPERIALIS.** H. A. Sweet Sultan. Beautiful, sweet-scented thistle-like flowers borne on long, strong stems. When cut, will last for days in water. Very easy to grow. Pkt., 10c.

915. **CHRYSANTHEMUM.** H. A. Single Mixed. Annual varieties. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt. 10c.

**CHRYSANTHEMUM PLANTS.** See page 82.



Cosmos—Extra Early Colossal.

## OLDS' COSMOS

926½. **COSMOS.** H. A. Extra Early Colossal Mixed. The best Cosmos for the northern states, for it offers the combination of extra earliness (July) with good sized blossoms. The plant is graceful and delicate, the flowers as large as the late blooming kinds, perfecting their blooms in our most northerly sections. Pkt., 10c; oz., 50c.

925. **COSMOS.** H. A. Giant Flowered Mixed. Not as early as some but with very large blossoms. It is well to start this variety indoors. Pkt., 10c.



Cosmos—Double Early Flowering Mixed.

925½. **COSMOS.** H. A. Double Early Flowering Mixed. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 15c.

919. **CLARKIA ELEGANS.** H. A. Mixed. Bright and attractive annuals of easy culture. They grow about 2 feet high, bear profusely; pretty double flowers carried on long graceful sprays. Pkt., 10c.

920. **COBAEA SCANDENS.** H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season; fine for covering porches, trellises, arbors, tree-trunks, etc.; will cling to any rough surface. In sowing, place the seed edgewise, in-doors in March or April. The large bell-shaped flowers are first green then turn to a beautiful purple. Pkt., 10c.

933. **CYCLAMEN.** T. P. Giant Flowered. A charming house plant with rich-colored flowers, whose beauty of form is enhanced by the reversed petals. Pkt., 15c.

930. **CYPRESS VINE.** H. H. A. Mixed. Unexcelled for training up a light trellis. Bears many star-shaped, scarlet or white blossoms; finely cut leaves. Pkt., 10c.



## OLDS' CHOICE FLOWER SEEDS



### OLDS' DAISIES

941½. ★DAISY. H. A. Golden Orange. A rare and showy African Daisy with large, glossy, orange-red flowers which glitter in the sun. Pkt., 10c.

940. DAISY. H. P. Fine Mixed. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 10c.

943½. DAISY. H. A. Arctotis (Blue-Eyed African Daisy.) Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver-white with blue eye. Underside of petals bluish. Pkt., 5c.

944. DAISY. H. P. Shasta Giant. See illustration on page 81. A splendid hardy perennial producing, on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. Pkt., 10c.

DAISY PLANTS. Page 81.

935. DAHLIA. H. A. Double Mixed. Large flowering. Dahlias can be easily grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 15c.

Note. Do not overlook our Dahlia bulbs, pages 76 and 77. We have a large list of splendid varieties and splendid bulbs.

DELPHINIUM. Pkt., 10c. See Larkspur, page 69.

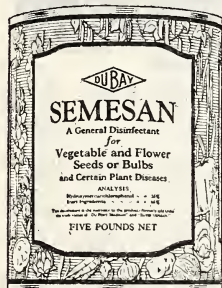
958. DIGITALIS. H. P. (Foxglove.) Gloxiniaeflora. Handsome stately plants of imposing mien, giving a wealth of flowers during June and July. Pkt., 10c.

DIGITALIS PLANTS. See page 80.

960. DOLICHOS. H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms and later, ornamental pods, borne on erect racemes. Pkt., 10c.

## SEMESAN MAKES SEEDS HEALTHY

### TREAT YOUR FLOWER SEEDS WITH SEMESAN



Through controlling or preventing infection by the common diseases to which flowers are subject, Semesan increases germination and produces larger yields of finer blooms. Costs only ¼c to 1c per pound of seed. Easily applied in either dust or liquid form. Recommended by expert and practical growers of flowers in all sections of the country. For both annuals and perennials.

Prices: 2 oz. size, 50c; 8 oz. size, \$1.60; 1 lb. size, \$2.75; 5 lb. size, \$13.00.

(Not mailable.) The same thing can be used for Vegetable Seeds.

Ask for free 64-page illustrated flower booklet, "Beautiful Fragrant Flowers with Semesan."



### Mixed Annual Dianthus or Pinks.

950. DIANTHUS. H. A. (Pinks.) Mixed. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form stripes, bands and markings and are very beautiful. Pkt., 10c.

957. DIANTHUS. H. P. Plumarius. (Clove Pink.) A beautiful hardy perennial single pink with fringed edged flowers in various colors. Pkt., 10c.

970. FORGET-ME-NOT. H. A. (Myosotis.) One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 10c.

975. FOUR O'CLOCK. H. A. (Marvel of Peru.) Mixed. Handsome, free-flowering, many colored blossoms. A good, old-fashioned flower of hardy habit, very charming as a hedge plant. Pkt., 5c.



### Hardy Perennial Gaillardia.

986. ★GAILLARDIA. (Blanket Flower.) H. P. Hardy Perennial Mixed. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Pkt., 10c.

985. ★GAILLARDIA. H. A. Double Mixed. The annual Blanket Flower—reds and yellows. Pkt., 10c.



# OLDS' CHOICE FLOWER SEEDS



*Escholtzia* or California Poppies. (Fine Mixed.)

870. **CALIFORNIA POPPY.** H. A. (*Escholtzia*.) Fine Mixed. The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Should be in every garden. Pkt., 10c.

872. **★CALIFORNIA POPPY.** H. A. Carmine King. Beautiful carmine-rose, both inside and out. Pkt., 10c.

873. **CALIFORNIA POPPY.** H. A. Golden. The true, wild California Poppy. Largest flowers. Pkt., 10c.

## OLDS' STRAW FLOWERS

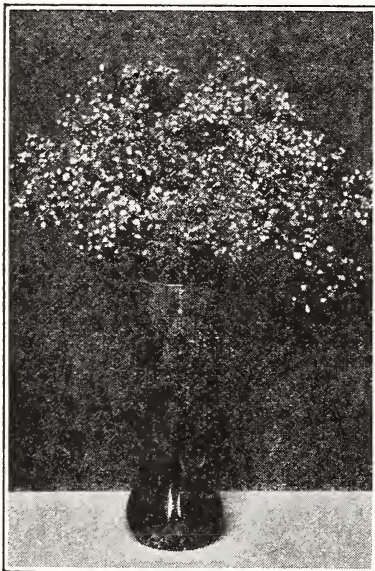
965. **★EVERLASTING.** H. A. *Helichrysum* Mixed. Double flowers in glittering colors. Pkt., 10c.

966. **EVERLASTING.** H. P. (*Sea Lavender*.) *Statice*. Full panicles of small blue flowers all summer. Pkt., 10c.

966½. **EVERLASTING.** H. P. *Statice Latifolia*. Large flat heads of tiny purplish-pink color. Pkt., 10c.

967. **EVERLASTING.** H. A. *Acroclonium*. Mixed. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Lasts through the winter. Pkt., 10c.

968. **EVERLASTING.** H. A. *Statice Sinuata*. A charming new bright rose color. Pkt., 10c.



*Gypsophila Paniculata* or Baby's Breath.

993. **GYPSOPHILA.** H. P. (*Baby's Breath*.) *Paniculata*. The flowers are small, starlike, and borne in feathery sprays. May be used for winter also. Pkt., 15c.

**GYPSOPHILA PLANTS,** see page 81.

944. **GYPSOPHILA ELEGANS.** H. A. Annual. Pkt., 10c.

997. **GOMPHRENA.** H. A. Best Mixed. (*Globe Amaranth*.) Sometimes called Bachelor Buttons. A showy annual everlasting or straw flower. Pkt., 10c.

1026. **SILVER DOLLAR PLANT.** H. A. (*Lunaria*). Sometimes called Honesty Plant. The flowers are about the size of a silver dollar and purple but when the seed pods are removed they leave silver pods. Pkt., 15c.

## STRAW FLOWER COLLECTION.

One packet each of the above 9 varieties of Straw Flowers or Everlastings for 75c. (Catalog price, \$1.00.)

987. **GERANIUMS.** T. P. Mixed. Blooming plants can be grown from seed the first year. Pkt., 15c.

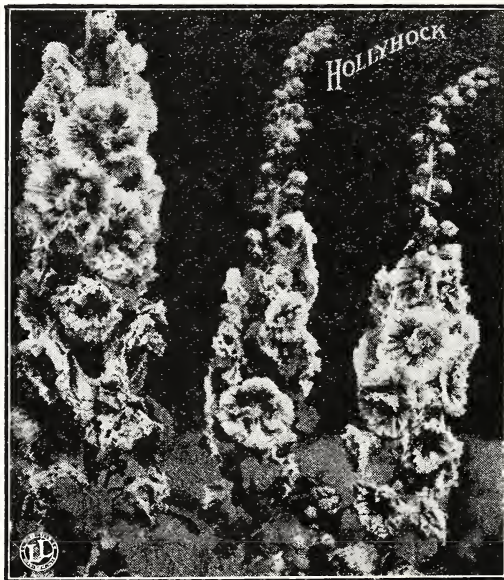
**GERANIUM PLANTS.** See page 83.

995. **GOURDS.** T. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Pkt., 5c.

989. **GLADIOLUS SEED.** H. A. Pkt., 10c.

1000. **HELIOTROPE.** H. H. P. Choice Mixed. Flowers from seed the first year. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 10c.

998. **HIBISCUS.** T. P. New Giant Flowering. Velvety petals of rich dark red, pink and white. Pkt., 15c.



Double Mixed Hollyhock.

1005. **★HOLLYHOCK.** H. P. Double Mixed. Stately stalks of velvet bloom. Giant flowers of red and pink and white. Sow in June or July for flowers next summer. Pkt., 10c.

1007. **★HOLLYHOCK.** Annual Mixed. Tall spikes of satiny mallow flowers throughout the summer. Pkt., 5c.

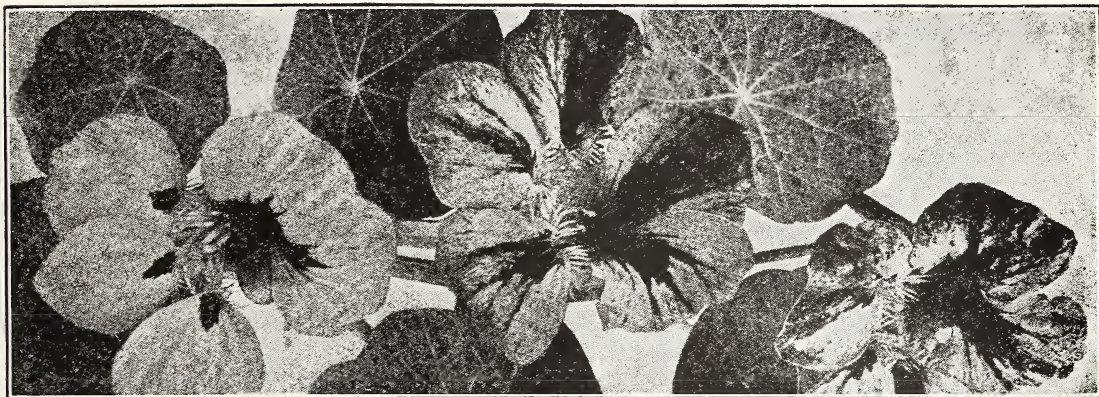
1010. **HUMULUS.** H. A. Japonicus. (*Japanese Hop*.) A fine porch vine. Makes a rapid growth. Pkt., 10c.

1012. **ICE PLANT.** T. A. A dwarf, trailing plant with fleshy foliage covered with "crystals." Pkt., 10c.

"Outdoor Flowers for the Home." A 28 page bulletin by Prof. J. G. Moore, Horticulturist, Wisconsin College of Agriculture. Free on request with an order amounting to \$1.00 or over.



# OLDS' CHOICE FLOWER SEEDS



Olds' Tall Mixed Nasturtiums.

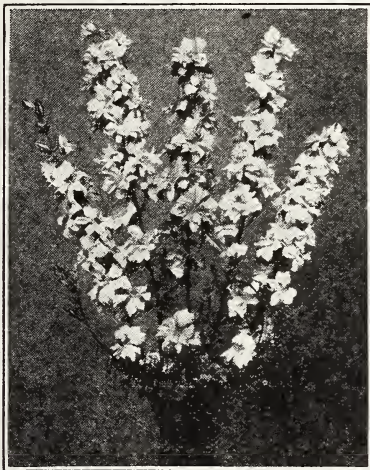
## OLDS' NASTURTIIUMS



1060. ★**NASTURTIIUM.** Olds' Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. If you want a supply of condensed sunshine all summer long sow some of Olds' Tall Mixed Nasturtium seed. These are the freest bloomers and produce the largest flowers. Large pkt., 10c; oz., 30c; ¼ lb., 55c; lb., \$1.75, postpaid.



1050. ★**NASTURTIIUM.** Olds' Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds or for borders. Olds' Dwarf Mixed comprise a wonderful assortment of rich and varied shades from dark crimson through all shades of red and orange to light yellow and almost white. Large pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.



Fine Mixed Larkspur.

1015. ★**LARKSPUR.** H. A. Fine Mixed. Tall old-fashioned spikes of blue. Pkt., 10c.

1016. ★**LARKSPUR.** H. A. LaFrance. The new larkspur. Most striking color and tallest growing. Salmon-pink shade. See page 63, also front cover. Pkt., 25c.

1017. **LARKSPUR.** H. P. (Delphinium.) Bella-donna. Spires of bluest hue. This hybrid strain is of wonderful beauty; growing up to six feet in height and outmatching all other flowers around it in showiness. A splendid Perennial Larkspur or Delphinium. Pkt., 10c.

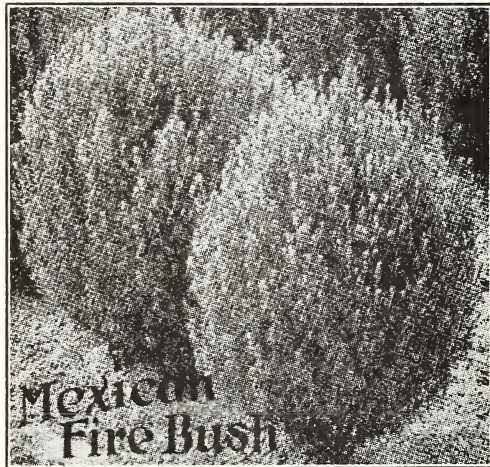
**DELPHINIUM PLANTS.** See page 81.

1020. **PERENNIAL SWEET PEA.** H. P. Similar to the annual kind but continuing year after year. Pkt., 15c.

1040. **MOONFLOWER.** H. A. Mixed. A fine, ivy-leaved climber, covered every evening and cloudy day with large, fragrant flowers. Pkt., 10c.

1045. **MORNING GLORY.** T. A. Imperial Japanese. A wonderful array of color—pure white through all shades of blue and red to the darkest purple. Pkt., 10c; oz., 30c.

1047. **MORNING GLORY.** H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Pkt., 5c; oz., 15c.



1013. ★**KOCHIA.** H. A. Mexican Fire Bush. A beautiful hedge plant. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Pkt., 10c.

1025. **LOBELIA.** H. A. Mixed Dwarf. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Pkt., 10c.

1030. ★**MARIGOLD.** H. A. Mixed French. The favorite, dwarf, highly-colored variety. Pkt., 10c.

1031. **MARIGOLD.** H. A. Lemon Queen. Large, double-quilled African Marigolds. Very showy. Pkt., 10c.

1032. **MARIGOLD.** H. A. Signata Pumila. (Border Marigold.) A miniature marigold, 6 to 8 inches high, completely covered with bright orange flowers. Very striking for edgings. Pkt., 15c.

1035. **MIGNONETTE.** H. A. Mixed. Of dwarf, pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 10c.

1072. **NIGELLA** (Love in the Mist.) H. A. Best Mixed. A compact flower with finely cut foliage; has curious looking seed pods; of easy culture. Pkt., 10c.

**PHLOX DRUMMONDII.** H. A. Beautiful and showy. 1110. ★**OLDS' FINEST MIXED.** A splendid mixture of many pleasing colors and varieties. Pkt., 10c.

1114. **STARRED AND FRINGED.** Pretty star-like flowers of many colors, some fringed. Pkt., 10c, FOR PHLOX ROOTS. See page 79.



# OLDS' CHOICE FLOWER SEEDS



Olds' Giant Prize Mixed Pansies.

## OLDS' PANSIES

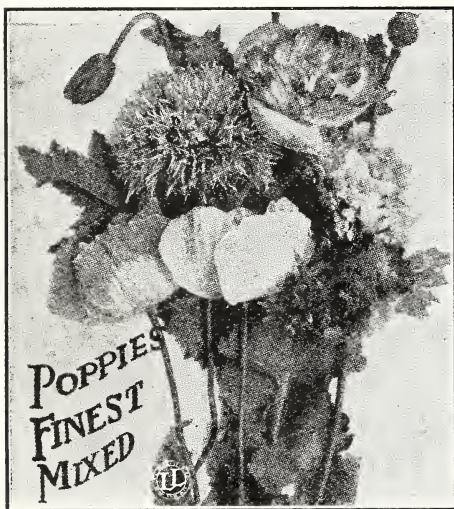


1075. **Olds' Giant Prize Mixed.** P. The largest, richest, best-formed flowers of any Pansy we have ever seen, ranging in color from pure white through bronzes, browns, yellows and blues to the deepest purple-black. Pkt., 25c.

**PANSY PLANTS.** See page 86.

1079. **★Giant Trimardeau Mixed.** P. An extraordinary strain of Pansy. Very large flowers. Pkt., 10c.

1083. **March-Flowering.** P. These pansies are very desirable, owing to the extreme hardiness of the plants and their early-flowering habit. They winter in the open ground, flowering early and in great profusion. Pkt., 15c.



## OLDS' POPPIES

1120. **★POPPY.** H. A. Olds' Finest Mixed. A fine blend of many handsome shapes and sizes; many are double and shaped like a ball, in white, pink and red; massive Carnation Poppies and dainty Shirleys. A splendid mixture. Pkt., 15c.

1121. **POPPY.** H. A. Improved Carnation. Splendid large double flowers of many shades. Pkt., 10c.

1122. **★POPPY.** H. A. Reselected Shirley. Silk or Ghost Poppies. Beautiful satiny flowers. Pkt., 10c.

1126½. **POPPY.** H. A. American Legion Official Flower. Mixed. Pkt., 10c.

1127. **POPPY.** H. A. Flanders. Vivid scarlet-red. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 10c.

1128. **★POPPY.** H. P. Iceland Mixed. Hardy perennials blooming the first season. Bright, fern-like, evergreen foliage. Pkt., 10c.

1128½. **POPPY.** H. P. Red Oriental. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. Pkt., 10c.

**ORIENTAL POPPY PLANTS.** See page 80.



## OLDS' PETUNIAS



1100. **★PETUNIA.** H. A. Olds' Finest Mixed. This splendid mixture will prove an agreeable surprise even to those who expect much. It excels in richness of color and large size. Pkt., 25c.

1102. **PETUNIA.** H. A. Choice Mixed. Will produce an abundance of bright flowers. Pkt., 10c.

1103. **★PETUNIA.** H. A. Rosy Morn. Compact plants bearing a profusion of beautiful flowers 1½ inches in diameter, with throats of silvery-white, the rest heavily flushed with soft rosy pink. Very popular. Pkt., 15c.

**ROSY MORN PETUNIA PLANTS.** Doz., 40c; 50 for \$1.25, postpaid.

1108. **★PETUNIA.** H. A. Carnation Flowered. The newest and choicest in petunias. See page 63, also front cover. Pkt., 30c.

1109. **PETUNIA.** H. A. Double Mixed. A splendid mixture of beautiful large-flowering, fringed and waved Petunias. Pkt., 25c.

1130. **PORTULACA.** H. A. Double Mixed. (Rose Moss.) Small fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 10c; oz., \$6.00.

1131. **★PORTULACA.** H. A. Single Mixed. Even more beautiful than the double. Pkt., 10c; oz., \$1.50.



# OLDS' CHOICE FLOWER SEEDS



## OLDS' SWEET PEAS

- 1200. ★Olds' Prize Mixed.** We believe this is the best possible mixture of the old-fashioned or grandiflora sweet peas. Many named varieties of fine color. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.35.
- 1201. Sunrise Mixed.** Early-flowering Spencers only. Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers very large, waved, frilled and fragrant. Pkt., 15c; oz., 40c; ¼ lb., \$1.25.
- 1203. ★Olds' Mixed Giant Spencers.** A careful and well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.
- 1210. Earliest of All.** This pink and white sweet pea blooms 10 days in advance of any other; highly prized by florists. Pkt., 10c; oz., 25c.
- 1236. Vermillion Red.** Brilliant. Pkt., 10c; oz., 25c.
- 1237. ★Fiery Cross.** Glittering orange scarlet. Wonderfully striking and beautiful. Pkt., 10c; oz., 30c.

## TEN NEW SPENCER SWEET PEAS

- 1211. Austin Frederick Improved.** The best new lavender. Pkt., 10c; oz., 25c.
- 1212. Constance Hinton.** The best white sweet pea for outdoor planting. Very large. Pkt., 10c; oz., 25c.
- 1213. Deference.** Orange scarlet. A fine variety. Very large. Pkt., 15c; oz., 40c.
- 1214. Heavenly Blue.** A most beautiful soft tone of delphinium blue. Flowers of immense size, four to a stem. Pkt., 25c; oz., 75c.
- 1215. Mary Pickford.** A famous choice new sweet pea that has already created quite a sensation. It proved a great attraction at the Los Angeles Seed Convention in 1925. The color is a dainty cream-pink lightly suffused with salmon. Most charming. Pkt., 25c; oz., 75c.
- 1216. Matchless.** Cream yellow. Large flowers, very attractive. Pkt., 10c; oz., 25c.
- 1217. Miss California.** Another splendid new variety. Orange salmon with cream pink. Pkt., 15c; oz., 50c.
- 1218. Royal Purple.** Large, wavy flowers of a rich royal purple. The best purple. Pkt., 10c; oz., 25c.
- 1219. Warrior.** Rich chocolate maroon. Large handsome flowers. Pkt., 10c; oz., 20c.
- 1220. Youth.** White, edged in a beautiful way with a delicate soft rose pink. An unusually large and fragrant sweet pea. Very desirable. Pkt., 15c; oz., 40c.

Special Offer. One pkt. each of the above 10 varieties for 90 cents. (Would cost \$1.45 purchased separately.) One ounce each, \$2.50, postpaid. (\$4.05 separately.)



Snapdragon.

- 840. SNAPDRAGON.** H. A. (Antirrhinum.) Dwarf Mixed. Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected, until when the improved new varieties appeared, they suddenly became popular again. The brilliant blooms remain through the summer and fall. Pkt., 10c.
- S N A P D R A G O N PLANTS.** Dwarf Mixed. Doz., 40c; 50, \$1.25.
- 841. SNAPDRAGON.** H. A. (Antirrhinum.) Giant Fragrant. Pkt., 5c.
- 843. SNAPDRAGON.** H. A. (Antirrhinum.) Pink Beauty. Pkt., 10c.

- 1135. PRIMULA. Large Flowering.** T. (Chinese Primrose.) The best of the fringed-leaved house primroses. Mixed colors. Pkt., 20c.
- 1140. RICINUS. H. A.** (Castor Bean.) Stately ornamental plants with picturesque foliage, giving a tropical effect. Pkt., 10c; oz., 20c.
- 1142. ROSA MULTIFLORA.** P. Dwarf roses from seed. Little bushes covered with miniature fairy roses. Pkt., 10c.
- 1145. SALPIGLOSSIS. H. A.** (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Pkt., 10c.
- 1150. SALVIA SPLENDENS.** H. A. Keeps the garden bright with red color. Pkt., 15c.
- SALVIA PLANTS.** Doz., 45c; 50 for \$1.50, postpaid.
- 1155. SCABIOSA. H. A.** Double Mixed. (Mourning Bride.) Sometimes called Pin-cushion. A variety of soft colors and shades. Pkt., 10c.
- 39. SCARLET RUNNER BEAN.** T. A. A vigorous climber producing bright, scarlet flowers. See page 33. Pkt., 10c.
- 1165. SMILAX. T. P.** Delicate climber of glossiest green; used in hanging baskets and in bouquets. Pkt., 10c.
- 1172. TEN WEEKS STOCKS.** Large Flowering. Mixed. The flowers appear on long stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c.
- 1180. SUNFLOWER. H. A.** Chrysanthemum-Flowered. Bright yellow double flowers, resembling chrysanthemums. Pkt., 10c.
- 1185. SUNFLOWER. H. A.** Mammoth Russian. Immense plants 12 feet high with single blossoms from 6 to 15 inches across. Pkt., 5c.



- 1160. SCHIZANTHUS. H. A. (Butterfly Flower.)** One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many colored flowers that the foliage is almost concealed. Pkt., 10c.



# OLDS' CHOICE FLOWER SEEDS



Grandchildren of E. H. Olds admiring bed of Olds' Gold Medal Dahlia Flowered Zinnias at his summer home on Red Cedar Lake, Northern Wisconsin.

## OLDS' ZINNIAS



New Crimson Monarch Zinnia.

1331. ★**DAHLIA FLOWERED ZINNIA.** H. A. Crimson Monarch. One of our four big flower novelties for 1929. Shown in colors on our front cover. **Crimson Monarch** is by far the largest and best of the red shades of the famous **Gold Medal Dahlia Flowered Zinnias**. The flowers are of enormous size, often eight inches in diameter. Plants very strong and vigorous. This new zinnia is indeed a marvelous production of extraordinary merit and the color is just what is most desired in zinnias. Pkt., 20c.

1335. **ZINNIA.** H. A. **Giant Flowered Mixed.** A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Healthy, vigorous, showy, easily grown. Pkt., 10c; oz., 75c.

969. **SNOW ON THE MOUNTAIN.** H. A. (Euphorbia Variegata.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Is splendid for bouquets. Pkt., 10c.

1300. **SWEET WILLIAM.** H. P. **Mixed.** (Dianthus Barbat.) The plants grow 18 to 24 inches high. They make excellent border plants and are fine also for bouquets. Like annual pinks, loved for its brilliant and enduring flowers. Pkt., 10c.



Olds' Gold Medal Dahlia Flowered Zinnias.

1336. ★**ZINNIA.** H. A. Olds' Gold Medal Dahlia Flowered, Mixed. A new type of Zinnias characterized by large size, fullness of petal, extraordinary color range and good keeping quality. Resembling dahlias in size and appearance and the most easily grown right from the seed of any flower in the entire list. It has been truthfully called "A new Flower for the People."

The mixture we offer contains a wonderful assortment of color, ranging through all shades of red, pink, rose, orange, yellow, purple and white. Pkt., 15c.

1329. **ZINNIA.** H. A. **Fire King.** A magnificent variety with deep scarlet flowers. Pkt., 10c.

1305. ★**VERBENA.** H. A. Olds' **Finest Mixed.** A favorite old flower, one of the most popular garden annuals. Clusters of many bright colors are borne in constant succession from June until frost. We offer a very choice mixture. Pkt., 15c.

1315. **WALLFLOWER.** H. H. P. **Mixed.** Half hardy perennials, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 10c.



## OLDS' GLADIOLI

Gladioli are generally recognized as the most beautiful and popular of all summer flowering bulbs. They are of very easy culture and elegant for garden as well as cut flower purposes. They offer a very wide range of colors. Our color plate on the inside cover gives a fair idea of the different shades. These are of the newer varieties and should not be overlooked in placing your order.

In cutting Gladiolus blooms for the house it is best to cut the spikes when the first flowers open and the balance of the buds will open when in water. In this way the blooming period is prolonged. Gladiolus bulbs planted for their blooms should be planted from 3 to 4 inches deep and at least 6 inches apart. It is well to order some of the early blooming varieties so as to extend the blooming season over a longer time.



Golden King.

**GOLDEN KING.** Brilliant yellow with intense crimson throat blotch. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.60, postpaid.

**CONSPICUOUS.** The blooms resemble large light blue pansies with yellow centers. It is large-flowering and makes a wonderful bouquet. It is well named as it is certainly conspicuous. Each, 15c; 6 for 70c; 12 for \$1.35; 25 for \$2.50, postpaid.

**GOLD.** This wonderful yellow Glad has been the center of attraction at many flower shows. Pure golden yellow flowers, wide petals, recurved tips. It has as many as nine open at a time; 18 to 20 flowers on each spike. A vigorous grower, 3½ feet high. Blooms early and is a grand variety. Winner of first prize at Boston show in 1925. Each, 25c; 3 for 65c; 12 for \$2.25, postpaid.

**PURPLE GLORY.** See colored plate inside front cover. This is not a true purple color as the name implies, but a rich, velvety maroon, exceedingly ruffled. It is perhaps the most beautiful dark variety of gladiolus in culture today. Each, 20c; 6 for \$1.00, postpaid.

**HALLEY.** Salmon-pink with carmine-marked yellow throat; 4½ inch blooms. Very early. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.60, postpaid.

**LE MARCHAL FOCH.** Rose pink, a deeper and richer color than America. A heavy grower and a large-flowered variety; a fine cut flower, and the best deep-pink. Blooms very early. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.60, postpaid.

**LOVELINESS.** A cream pink. Many flowers open at the same time. The flower spikes are large and broad. Its name is its best description. Each, 20c; 6 for \$1.00.

**AMERICA.** One of the best. It makes a strong, healthy plant with three-foot erect flower spikes bearing many fine spreading blossoms all facing one way. The color is an exquisite soft lavender pink. We sell more bulbs of America than of any other gladiolus on our list. Bulbs, each, 5c; 6 for 25c; 12 for 45c; 25 for 80c; 100 for \$3.00, postpaid.

**AMERICAN BEAUTY.** (Dieners.) See colored plate inside front cover. Brilliant American Beauty color, throat yellow, striped with ruby. The spikes bear a large number of flowers at one time, which are set close together forming an immense and magnificent bouquet. The flowers are very large, often measuring 5 inches across. We consider this one of the best of the new varieties. Bulbs, each, 20c; 6 for \$1.00, postpaid.

**AUGUSTA.** A pleasing white, sometimes lavender feathered. Bulbs, each, 5c; 6 for 25c; 12 for 45c; 25 for 80c, postpaid.

**ANNA EBERIUS.** A dark velvety purple, shading to a darker throat. A wonderful spike of close set flowers, which are large and open, forming an immense bouquet. Each, 15c; 6 for 70c; 12 for \$1.35; 25 for \$2.50, postpaid.

**CHICAGO WHITE.** The very earliest snow white. Six to seven flowers open at one time. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.50, postpaid.

**BLUE JAY.** A true "Blue Jay" shade, much lighter than Baron Hulot. The well-opened flowers are carried on tall, slender stalks. In color they are a light violet blue, sometimes flaked with indigo. The upper center petal carries two crimson spots which show on the back as creamy white. Each, 25c; 6 for \$1.25; 12 for \$2.25; 25 for \$4.25, postpaid.



Crimson Glow.

**CRIMSON GLOW.** See colored plate inside front cover. The name is the best description of its color. It has straight spikes of many flowers, which open 4 or 5 at once. This habit makes it a wonder variety for cut flowers. We consider this the best red variety. Each, 15c; 6 for 70c; 12 for \$1.35; 25 for \$2.50, postpaid.

**EVELYN KIRTLAND.** A beautiful shade of rose-pink, darker at the edges, fading to shell pink at the center, with brilliant scarlet blotches on lower petals. Foliage not dense but supported by an erect stock; a little more than medium height; a good bloomer and many open at one time, all a glistening and sparkling lustre. Each, 15c; 6 for 80c; 12 for \$1.40, postpaid.

### BARGAIN COLLECTION OF GLADIOLI

We are listing below seven fine varieties of Gladioli which should be in every flower garden. Each has a separate and distinct shade. All are large, healthy blooming size bulbs. This collection is a real bargain and should not be overlooked. These varieties if purchased separately would cost 75c, but we are making a special price on the seven, one bulb each, of only 50c, postpaid.

Prince of Wales—Clear salmon.....	\$0.15
Halley—Salmon pink.....	.10
Schwaben—Canary yellow.....	.05
Wilbrink—Earliest, lilac pink.....	.10
Chicago White—Pure snow white.....	.10
Prinpeps—Red.....	.10
Conspicuous—Light blue with yellow center.....	.15

Value ..... .75

Collection Price ..... .50  
 3 bulbs of each one of the 7 varieties, \$1.40, postpaid.  
 6 bulbs of each one of the 7 varieties, \$2.50, postpaid.



## OLDS' GLADIOLI



Prince of Wales.

**PRINCE OF WALES.** Large well-opened flowers of clearest salmon but with old-ivory throat, delicately flushed with salmon-rose. The stalks take up water well, the buds unfold to the very tips and many are open at one time.

In season it is very early, blooming with Panama, Halley, and Chicago White and immediately following Wilbrink. We cannot speak too highly of this fine new gladiolus. Bulbs, each, 15c; 6 for 75c; 12 for \$1.50; 25 for \$2.75.

**ROSE ASH.** See colored plate inside front cover. Peculiar soft old rose tones fading to ashes of roses on the outer edges of petals; lower petals light yellow speckled with ruby; finely fluted and ruffled. Wonderful in form and color.

Flowers 5 inches in diameter, very strong spikes 5 to 6 feet high; flowers well set on tall, straight spikes. A magnetic flower that always attracts the eye. Each, 10c; 6 for 50c; 12 for 90c, postpaid.

**1910 ROSE.** Pure rose-pink of extra fine shade; narrow white lines through center of lower petals. A vigorous grower very much desired for cut flowers. Second early, blooming just after Halley. Each, 15c; 3 for 40c; 12 for \$1.45, postpaid.

**TYRIAN BEAUTY.** Beautiful large flowers almost the color of American Beauty Rose. Blooming season is second early, coming a little ahead of Mrs. Francis King. The flowers open wide, five or more usually open at the same time, and as many more the second day after they are cut.

Very attractive and unexcelled as a cut flower variety. The flowers are well supported by vigorous growing stems and its habit of growth is straight and symmetrical. Each, 25c; 3 for 60c; 12 for \$2.25, postpaid.

**SCHWABEN.** The largest-flowered yellow gladiolus. It opens as a pure canary yellow shading to sulphur. The throat, of brightest gold color, is marked with a small, deeply set spot of brownish maroon. Schwaben is a sturdy vigorous grower and the luxuriant dark green foliage together with the rare color of the flowers makes it most effective for either bedding or cutting. Each, 5c; 6 for 25c; 12 for 45c; 100 for \$3.50, postpaid.

**GOLDEN MEASURE.** Very large, dark golden yellow. The very best yellow Gladiolus. Note color page inside front cover. Each, 20c; 6 for \$1.00, postpaid.

**THOMAS KENT.** Cherry pink overlaid with strawberry crimson streaks on each petal. Each, 20c; 6 for \$1.00, postpaid.

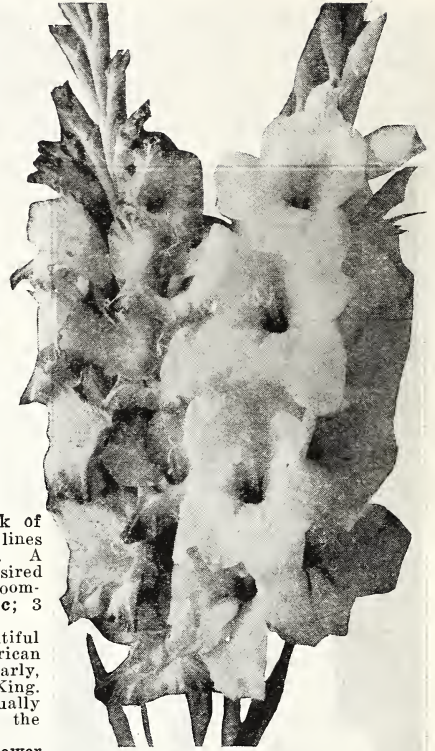
**WAR.** Giant blood-red, shading to crimson black in throat, but without other markings. 10c each; 6 for 50c; 12 for 95c; 25 for \$1.75, postpaid.

**WILLIE WIGMAN.** Large blush-white flowers with great primrose-bordered splashes of tulip-red on lower petals. Exceptionally tall, graceful spikes. Each, 8c; 2 for 15c; 6 for 40c; 12 for 75c, postpaid.

**WILBRINK.** Probably the very earliest gladiolus grown; at least it is the earliest we have ever tried. The buds are lilac flushed and striped on a primrose ground. As the flowers open, the lilac changes to light shell pink with a hint of primrose, almost an "America" shade but without any tinge of lavender. The throat is deep yellow, stippled with carmine.

Flowers are of largest size, many open at once. One of the finest. Bulbs, each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.60; 100 for \$8.00, postpaid.

**VELVET KING.** Rich shade of velvet red with darker markings. A fine bedding sort and valuable as a cut flower especially under artificial light. Each 10c; 6 for 50c; 12 for 90c, postpaid.



Schwaben.



Wilbrink Gladiolus.

## OLDS' ARISTOCRAT GLADIOLUS COLLECTION

The following six Gladioli, described on this page and on pages 73 and 75, we consider the cream of our entire list of Glads. They are all of recent introduction, all produce unusually large flowers and in every way are outstanding varieties.

We show these six varieties in natural colors on the inside front cover page. We urge our customers to order the entire six at our special collection price as shown below. They will make a wonderful assortment of color for any garden.

American Beauty, page 73 \$0.20  
Purple Glory, page 73.... .20  
Crimson Glow, page 73.... .15  
Rose Ash, page 74..... .10  
Golden Measure, page 74.... .20  
Mrs. Leon Douglas, page 75 .50

Total Value .....\$1.35  
One bulb each, in collection, \$1.00, postpaid.  
Six bulbs each, in collection, \$5.00, postpaid.



# OLDS' GLADIOLI



Rose Glory.

**MRS. FRANCIS KING.** A distinctive shade of flame pink especially beautiful under artificial light. Next to America, the leading decorative variety in the florist trade. Each, 5c; 6 for 25c; 12 for 45c; 25 for 85c; 100 for \$3.00, postpaid.

**MRS. FRANK PENDLETON.** One of the most exquisitely-colored kinds on our entire list. Very large flowers of delicate pink contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 10c; 6 for 50c; 12 for 90c, postpaid.



Mrs. Leon Douglas.

deeper markings in the throat; borne on tall, straight spikes. An unusual color and a very effective cut flower. Each, 15c; 12 for \$1.50.

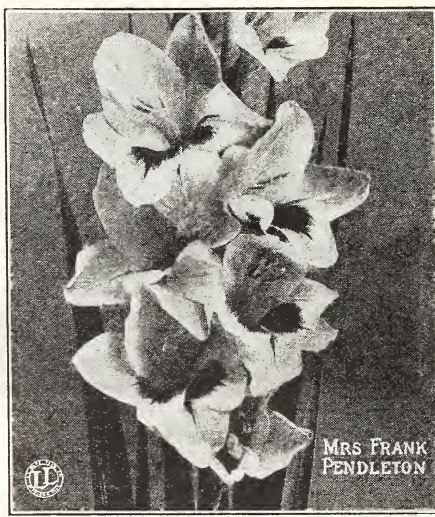
**MRS. LEON DOUGLAS.** See colored plate inside front cover. Begonia rose, delicately striped flame and scarlet, lip pale lemon speckled with ruby. Tremendously large flowers, many open at a time. Very tall, often growing 5 to 6 feet high. Considered the largest Glad. in existence and wonderfully beautiful. Each, 50c; doz., \$5.00.

**MARY PICKFORD.** An extraordinary flower and spike, of most delicate creamy white. Stem and calix also white. Sturdy, mid-season, fine blooming. A great favorite as a cut flower. Each, 15c; doz., \$1.50, postpaid.

**PRINCIPINE.** Intense scarlet wide-open flowers of immense size. The lower petal has a large snow-white blotch in the throat. This is the most striking of all Glads. Each, 10c; 6 for 55c; 12 for \$1.00; 25 for \$1.90, postpaid.

**PANAMA.** A new seedling of America resembling the parent variety in every way except that it is a much deeper and clearer pink. Tall spikes with wax-like flowers, large and well-arranged. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.50, postpaid.

**ROSE GLORY.** Clearest rose pink color with deeper throat. A very large, ruffled variety, extremely fine. Each, 20c; 6 for \$1.00; 12 for \$1.90, postpaid.



MRS FRANK  
PENDLETON

**PRIMULINUS HYBRIDS MIXED.** An importation from South Africa. On account of their slender and graceful habit, delicate colors and attractive shape, these new hybrids will be much appreciated for indoor decoration. They make an exceptional and striking effect in artificial light and range in color from purest and lightest of yellows to the deepest orange and from the softest shade of pink to scarlet. The flowers are borne on tall, vigorous, branching stems and for graceful and artistic arrangement in vases are unsurpassed. 6 for 20c; 12 for 35c; 25 for 65c; 100 for \$2.00, postpaid.

**RED EMPEROR.** A magnificent clear bright red, the petals showing a peculiar, satiny sheen. Wide-open flowers; 5½ inches in diameter, loosely arranged on strong graceful stems. Each, 15c; 6 for 80c; 12 for \$1.50, postpaid.

**SCARSDALE.** Lavender, tinted with old rose. Extra fine. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.50, postpaid.

**PEACE.** Giant glistening white, marked with a line of lilac on the lower petals. Each, 10c; 6 for 50c; 12 for 95c; 25 for \$1.75, postpaid.

**MARY FENNEL.** The petals are a deep lilac shading to a soft primrose-yellow throat. This color combination is beautiful. This is the prizewinner of all lavender varieties. Bulbs, 10c each; 6 for 50c; 12 for 90c; 25 for \$1.50, postpaid.

**NIAGARA.** A wonderfully beautiful Gladiolus. The flowers are a delightful shade of cream with the two lower petals shading to canary yellow. The throat and petal edges are attractively splashed carmine rose. Each, 8c; 6 for 40c; 12 for 75c; 25 for \$1.25; 100 for \$4.75.

**HERADA.** Very large flowers of pure mauve with



Olds' Special Superb Gladiolus Mixture.

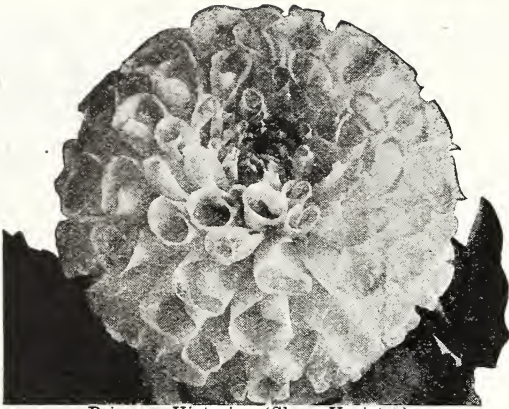
**OLDS' SUPERB MIXTURE.** The gladioli in this mixture are a blending of many colors, including most of our named varieties together with many new seedlings. The gladiolus more than any other flower will express your kind thoughts and sentiments. No choicer cut flowers can be wished for, while as a showy display in the garden they are supreme.

People who do not also plant mixtures—no matter how many of the named varieties they have—will miss much pleasure. 6 for 25c; 12 for 40c; 25 for 75c; 100 for \$2.25, postpaid.

Do not overlook the newer varieties of Gladiolus we show in colors on our inside front cover.



# OLDS' DAHLIAS



Princess Victoria. (Show Variety.)

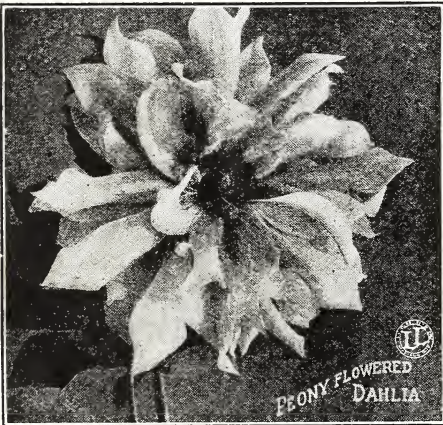
## YELLOW SHADES.

**PRINCESS VICTORIA.** (Show Type.) Bright canary-yellow show dahlia and one of the most free flowering. Regularly quilled blooms. Each, 35c; 5 for \$1.40.

**BRONZE BEAUTY.** (Show Type.) A strong grower. Flowers are medium to large, of a beautiful golden-orange, spotted with bronze. A wonderful show dahlia. Free blooming. Each, 25c; 6 for \$1.25, postpaid.

**BRITANNIA.** (Cactus Type.) The flowers are gold blended and shading to edge with crimson. A dwarf but very beautiful plant. Each, 25c; 6 for \$1.25, postpaid.

**BLANCHE.** A beautiful single yellow and a profuse bloomer with long stems. This is a very desirable variety. We offer it this year in order to meet the great demand for a cut flower yellow variety of dahlias. Each, 40c; 3 for \$1.00, postpaid.



Baron De Gancy.

## WHITE SHADES.

**BARON DE GANCY.** (Peony Type.) The flowers are white with yellow centers. A very good grower with long stems. It makes a good cut flower in combination with Mrs. Joe Lucas. Bulbs, each, 25c; 5 for \$1.00, postpaid.

**ROBERT BROOMFIELD.** (Show Type.) A pure white. Very large flowers. Free bloomer and a good cut-flower. Very long stems. Each, 25c; 6 for \$1.25, postpaid.

**SNOW FLAKE.** (Single Type.) Very free-flowering; pure white. The finest white yet introduced. Each, 25c; 5 for \$1.00, postpaid.

**MADONNA.** (Decorative Type.) A perfect wonder. It is beautiful in shape, an excellent cut flower variety, and one of the most satisfactory in the garden. The flowers are borne in a miraculous profusion upon long graceful stems of wiry stiffness, making it one of the most desirable. A very beautiful white. Each, 50c; 6 for \$2.25.

**QUEEN OF HEARTS.** (Cactus Type.) A beautiful flower of glistening white, with upstanding petals which are tinted with canary yellow at the base. Each 20c, 5 for 80c, postpaid.



Mina Burgle.

## RED SHADES.

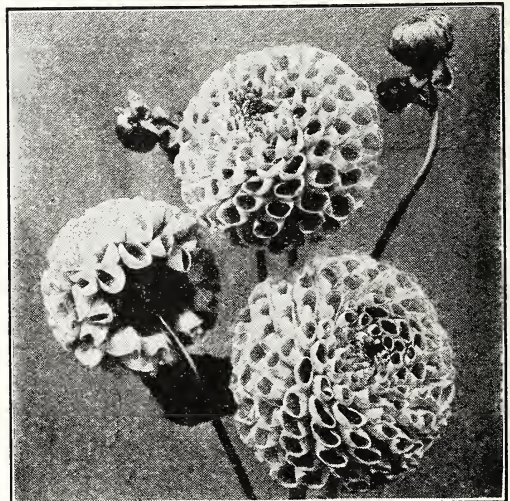
**MINA BURGLE.** (Decorative Type.) Beautiful deep glowing. Finest crimson variety in existence. Good for cut flowers, having long stems. An extra free-flowering sort. Bulbs, each 25c; 5 for \$1.00, postpaid.

**SOUVENIR DE GUSTAVE DOAZON.** (Decorative Type.) Orange red. The largest dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. The plant is a very tall, vigorous grower, with heavy, dark, glossy, green foliage and a remarkable constitution. Very long stems of pleasing, stiff, upright type. Should be in every garden. Each, 25c; 6 for \$1.25.

**J. H. JACKSON.** (Cactus Type.) An exceptionally satisfactory dahlia, fine for massing or for cut flowers. Gigantic blooms of the straight petalled type, holding up well in water. In color it is a velvety maroon black. Each, 35c; 5 for \$1.40, postpaid.

**CATHERINE DUER.** (Decorative Type.) A heavy grower of the Decorative type. Very desirable for cut flowers on account of its long stems. One of the late sorts. Color, cherry scarlet, overlaid crimson. Each, 25c; 6, \$1.00.

**JACK ROSE.** (Decorative Type.) A good crimson for the garden or cutting. Free blooming and the color of the well known Jack crimson rose. Each, 25c; 6 for \$1.25.



A. D. Livoni.

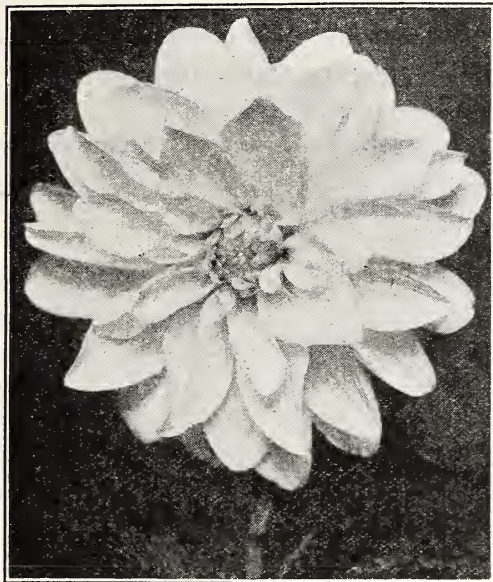
## PINK SHADES.

**A. D. LIVONI.** (Show Type.) Although new varieties are being introduced each year Livoni is one of the old time tried varieties that stays. The perfect flowers with quilled petals, which nearly overlap at the ends have made this variety a great favorite. The color is rose-pink. Bulbs, each, 35c; 5 for \$1.40, postpaid.



# OLDS' DAHLIAS

## PINK SHADES, Continued



Frank A. Walker.

**FRANK A. WALKER.** (Decorative Type.) A new decorative variety of vigorous habit. The flowers are a charming shade of deep lavender pink, with long stems. Each, 25c; 6 for \$1.25, postpaid.

**WINSOME.** (Cactus Type.) A large sea-shell pink; a very vigorous grower and free bloomer. Each, 25c; 5 for \$1.00, postpaid.

**PRINCESS MARY.** (Peony Type.) A graceful flower of a lovely solferino pink. Flowers are large peony-shaped and are held erect above the foliage on long wiry stems. Each, 25c; 5 for \$1.00, postpaid.



Olds' Finest Mixed Dahlias.

**OLDS' FINEST MIXED DAHLIAS.** A mixture of choice named varieties showing every shape, size and color to be found in dahlias. Without seeing our mixed dahlias in the field you cannot fully appreciate the exquisite harmony of shades represented in this gorgeous mixture.

Each year as we add new varieties of dahlias to our list these same varieties are added to our mixture so that the assortment becomes better and better each year. It is entirely made up of worthy named varieties. 3 bulbs for 45c; 6 for 75c; 12 for \$1.25; 50 for \$4.50, postpaid.

## MIXED SHADES



Sylvia.

**SYLVIA.** (Show Type.) The most satisfactory flower for cutting. Very pretty, soft shell-pink with full white center. An early and profuse bloomer. Each 20c; 6 for \$1.00, postpaid.

**QUAKER LADY.** (Show Type.) The flowers are apricot or yellow. The plant is of dwarf habit with many small flowers, very close to the pompom type. Each, 15c; 6 for 75c, postpaid.

**BLUE OBAN.** (Show Type.) Fawn deepening to mauve and showing a decided shade of blue. Not really a blue but the closest approach to it in dahlias. Each, 35c; 5 for \$1.40, postpaid.

**FLORAL PARK JEWEL.** (Show Type.) We consider this the best red show variety. Plants are tall and straight, producing many large flowers on long stems. This makes it excellent for cut flowers. The blooms are of a purple-red shade, striped and tipped with white. You must see a plant in blossom to appreciate its wonderful and vivid beauty. Makes a fine combination planted with Princess Victoria. Each, 25c; 6 for \$1.25, postpaid.

**MRS. JOE LUCAS.** (Single Type.) Red with gold center. Good growth, with long stems, making it a fine cut flower. Each, 25c; 6 for \$1.25, postpaid.

**MAUD ADAMS.** White, overlaid with clear, delicate pink. Blooming so profusely that the plants are a veritable bank of flowers. The best white of the show dahlia class and the best for cut flowers on account of its long stems. Each, 50c; 6 for \$2.25, postpaid.

**JUDGE MAREAN.** This giant is produced on long, heavy stems. The plant is vigorous and free blooming. The flowers are full and massive and the petals heavy. A glowing salmon pink, with tints of orange and gold. Each, \$1.25; 3 for \$3.50, postpaid.

## BARGAIN COLLECTION

\$1.15 WORTH OF BULBS FOR 75c, POSTPAID.

### BARGAIN COLLECTION OF DAHLIAS

The Dahlias listed below are all very fine and beautiful varieties. This collection should be included in your order. These varieties, if purchased separately, would cost \$1.15, but by taking the collection the five varieties may be secured for only 75c, postpaid.

Two bulbs of each of the 5 for \$1.40.

FRANK WALKER	.....	\$0.25
JACK ROSE	.....	.25
MRS. JOE LUCAS	.....	.25
SOUVENIR DE GUSTAVE DOAZON	.....	.25
QUAKER LADY	.....	.15

Value	.....	\$1.15
Collection price	.....	.75



# OLDS' PEONIES

The percentage figure preceding each variety indicates the rating given by the American Peony Society. We have arranged the peonies in three groups. By selecting some from each group the blooming season may be extended over a period of six weeks.

**PLEASE NOTE.** Peonies should be planted either early in the spring or in the fall. All orders received before April 25th will be shipped at once or when weather permits digging. Orders received after that date will be held and sent out September 1st.

## EARLY BLOOMING



Duches De Nemours Peony

76%. **EDULIS SUPERBA.** A bright mauve-pink and lilac. Crown type, with large tuft of wide petals surrounding a few narrow petals in the extreme center of the bloom. Fragrant, extra early and free blooming, with strong flower stems. Each, 75c; 3 for \$1.90.

**OFFICIAL IS RUBRA OR MAY KING.** (Early Double.) This is the old-fashioned red so much used for Decoration Day. The most brilliant of all red peonies. Very early and a splendid cut-flower. Each, \$1.00; 3 for \$2.50.

81%. **DUCHESSE DE NEMOURS.**

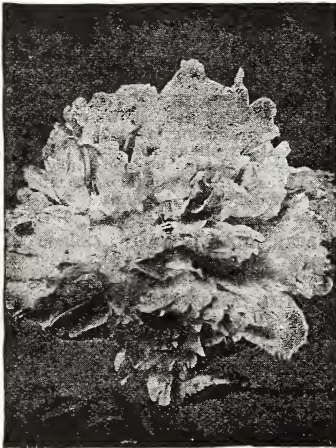
Crown type, pure white, with a sulphur white collar. An early variety. A very vigorous grower throwing clusters of fragrant bloom. One of the best whites. Each, 75c; 3 for \$1.90.

## MIDSEASON VARIETIES

86%. **M. JULES ELIE.** This is considered the most beautiful of all peonies. The flowers are of immense size, globular in shape. The color is a glistening lilac-pink, shading to rose at the base. The whole flower is overlaid with a sheen of silver, sparkling like dew. One of the best for cut-flowers; a good keeper. Each, \$1.25; 3 for \$3.25.

84%. **FELIX CROUSE.** Rich, even, ruby-red. One of the few red peonies showing no trace of purple or violet. Blooms in clusters. Probably the best red. Each, 85c; 3 for \$2.35.

93%. **FESTIVA MAXIMA.** Big, globular masses of pure white bloom, the inner petals slightly tinged with crimson. These handsome flowers are borne by tall, sturdy, branching plants of vigorous growth. Festiva Maxima is probably the most popular of all peonies and by many considered the most nearly perfect. Each, 75c; 3 for \$1.90.



Festiva Maxima Peony

## LATE BLOOMING VARIETIES



Livingston Peony.

**COURONNE D'OR.** Semi-rose type. Color, white with golden yellow stamens which suggest the name "Crown of Gold." Each, 75c, postpaid.

**RUBRA SUPERBA.** Large, compact; deep rosy crimson. One of the best late varieties of its color. Each, 75c, postpaid.

81%. **LIVINGSTON.** Large rose type; pale lilac-rose, silver tipped with carmine spots, late, tall, compact, free bloomer, slightly fragrant. Each, \$1.50, postpaid.

## COLLECTIONS OF PEONIES

One Each of the 3 Early Blooming Peonies, \$2.30, postpaid.  
One Each of the 3 Midseason Peonies, \$2.70, postpaid.  
One Each of the 3 Late Blooming Peonies, \$2.75, postpaid.  
One Each of the Entire 9 Varieties, \$7.25, postpaid.

**MIXED PEONIES.** We offer a fine lot of mixed roots to those who wish to use the unnamed sorts in large quantities for landscape work. These produce just as good a bloom as the named ones, but are not as valuable to the trade as they cannot be identified. 3 for 85c; 6 for \$1.60; 12 for \$3.00, postpaid.

## CINNAMON VINE

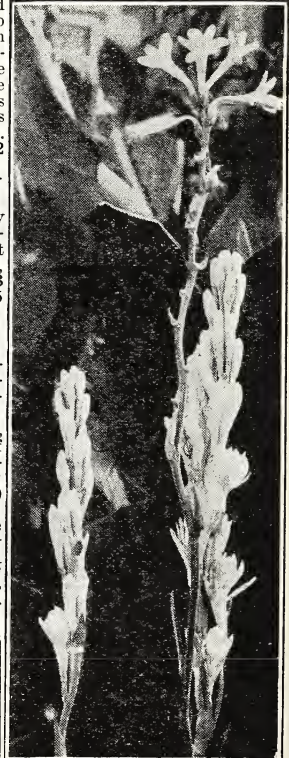
A quick growing, hardy climber, with glossy heart-shaped leaves and fragrant flowers. For best effect, plant in groups of three. 3 for 45c; 12 for \$1.60; 25 for \$3.00, postpaid.

## TUBEROSE

The sweetest scented flower that grows and altogether one of the most charming. Easily grown.

**DWARF PEARL.** Large, double wax-like flowers of purest white; orange-blossom fragrance. Each, 10c; 6 for 45c; 12 for 80c; 50 for \$2.50, postpaid.

**MEXICAN.** Snow-white single flowers, delightfully fragrant. Begins to bloom much earlier than the Dwarf Pearl. Each, 10c; 6 for 40c; 12 for 75c; 50 for \$2.35, postpaid.



Dwarf Pearl Tuberose.

## FALL BULB AND PLANT CATALOG

Tulips, Crocuses, Hyacinths and Narcissi should be planted in the fall. These are the first flowers to bloom in the spring, and should have a place in every flower garden. They offer a pleasing assortment of color and warmth when the rest of the landscape is bare. Our Fall Catalog will be ready about August 1st and will be sent free on request. Just note this on your order or send your name on a separate slip and a copy will be sent you.

## OLDS' DOLLAR COLLECTION

Do not overlook our wonderful bargain collection, 30 packets of Standard Vegetables for \$1.00, offered on the inside back cover page.



## OLDS' CANNAS

Five GRAND CANNAS That Stand Above All Others.



Canna, The President.

**THE PRESIDENT.** Four feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. It is an offspring of the famous Firebird. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong stems. The foliage is rich green and burn-proof in the hottest weather. Bulbs, 20c each; 12 for \$1.85, postpaid.

**KING HUMBERT.** Red. This remarkable Gold Medal Canna has been the sensation of the past ten years and is a great favorite today. It is a cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. Each, 20c; 12 for \$1.85, postpaid.

**YELLOW KING HUMBERT.** Four feet. An orchid-flowering sport of the well-known King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than a detriment. Each, 20c; 12 for \$1.90, postpaid.

**MRS. ALFRED CONARD.** One of the very best Cannas in commerce today. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks. We consider this superior to all other pink Cannas. Four feet. Each, 25c; 12 for \$2.25, postpaid.

**APRICOT.** Four feet. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other Canna we know of. We recommend it highly. Each, 25c; 12 for \$2.25.

One Bulb each of above Five Cannas for 90c, postpaid.

25, your choice of above Cannas, \$3.50, postpaid.

## OLDS' IRIS

**MOTHER OF PEARL.** One of the most recent introductions and the very finest Iris. The price thus far has been rather high but now it is within reach of most everyone. It really should be in every perennial garden. Pale bluish-lavender, with a faint creamy undertone. Large flowers of perfect form and exceptional substance. The creamy undertone often assumes the luster and iridescence which we see in the beautiful lining of sea shells which produce mother of pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each, 50c.

**MADAM CHEREAU.** The stately, pure-white flowers are bordered and laced with brightest blue. Each, 25c; 3 for 70c, postpaid.

**LOHENGRIN.** A rare and attractive shade of mauve pink, blending well with Silver King when the two are cut together. Each, 25c; 3 for 70c, postpaid.

**RHEIN NIXE.** A charming Iris. Rich raspberry purple and white. Each, 25c; 3 for 70c, postpaid.

**FLAVESCENS.** A delicate shade of soft yellow; one of the finest. Each, 20c; 3 for 50c, postpaid.

**SILVER KING.** Nearly white. Each, 20c; 3 for 50c, postpaid.

**LENT A. WILLIAMSON.** Standards erect, lavender violet, blended with yellow toward base; falls rich royal purple; beard yellow. Tall and large. Splendid strong grower and free bloomer. Considered by many the finest variety ever raised in America. Each, \$1.00, postpaid.

**OLDS' MIXED IRIS.** We have a large stock of exceptionally fine mixed Iris roots. They are much larger and stronger than are usually offered, and the assortment is well balanced, consisting of many beautiful shades and tints. Have a row of color, permanent, hardy and beautiful.

Iris roots usually sell at from 20 to 50 cents each. We offer Olds' Mixed Iris, first size and first quality as follows:—Each, 10c; 3 for 25c; 12 for 75c, postpaid.

## OLDS' PHLOX



### UNIVERSITY OF WISCONSIN.

Bright rose carmine with light halo; a profuse bloomer, rugged grower, hardy and vigorous. Height about 3 feet. Blooms from May to October. This variety has been so popular that our supply became almost exhausted and we were compelled to withdraw it from our list. After propagating an additional amount we are pleased to again offer this splendid phlox. Each, 35c; 3 for 90c, postpaid.

**SIEBOLD.** Orange scarlet with red eye. Very fine. Each, 30c; 3 for 80c, postpaid.

Miss Lingard Phlox

**MISS LINGARD.** White with faint lilac eye. Free-blooming May to October. Choice plants, each, 30c; 3 for 80c.

**RHEINLANDER.** A salmon pink with red eye. Each, 30c; 3 for 80c, postpaid.

**MRS. JENKINS.** A pure white. Each, 30c; 3 for 80c, postpaid.

**WIDAR.** Dark violet, tinted red with a white eye. A very beautiful and striking combination of colors. Each, 30c; 3 for 80c, postpaid.

**MIXED PHLOX.** An assortment of many good varieties in mixed colors. This is very desirable for landscape or foundation plantings. 3 for 45c; 6 for 80c; 12 for \$1.50, postpaid.



# OLDS' HARDY FLOWERING PERENNIALS

There has been a constantly increasing demand in recent years for Perennial Plants. To meet the demand we have expanded this section of our business. In planning a perennial garden, it is a little difficult for the beginner to know just what to plant. It must be kept in mind that the beauty of a perennial garden lies in the fact that if a proper selection is made and the stock properly planted it will live for years with very little attention, affording a constant succession of bloom from spring to fall. We have arranged the plants in three groups. **Early Blooming, Summer Blooming, and Late Blooming.** This, we feel sure, will enable all to plan more intelligently. We are quoting prices on threes as well as for single plants. It really takes three plants of a kind to make a showing. All plants are large, field grown roots.

## OLDS' EARLY BLOOMING PERENNIALS



**Oriental Poppy.**

prefers shade. Spreads and increases clumps. Each, 30c; 3 for 75c.

**ORIENTAL POPPY.** For a dazzling display of rich and brilliant coloring no other flower can equal the vivid orange scarlets of the Oriental Poppies. Easily established and perfectly hardy. 36 inches in height. Each, 30c; 3 for 75c, postpaid.

**PYRETHRUM.** (Persian Daisy.) Very hardy and one of the choicest of the perennials. The fernlike foliage is attractive when the plants are not in bloom and the flowers ranging from pure white through shades of pink to deep crimson are beautiful on the plant, also as cut flowers. They flower the last of May and through June. 20 to 24 inches tall. Each, 30c; 3 for 70c.

**LINUM.** (Flax.) Perenne Blue. During the late spring and early summer a group of these will be a mass of blue in the morning, the flowers drooping about ten o'clock, revealing the beautiful foliage, to be followed by another mass of blue the next morning. For the border or rockery. Height, 2 feet. Each, 30c; 3 for 70c.

**RANUNCULUS.** (Buttercup.) Acris. Very pretty double yellow flowers on stems 16 to 18 inches high. May and June. Each, 30c; 3 for 70c.

## OLDS' ROCK GARDEN COLLECTION

THIRTY PLANTS FOR \$5.00, POSTPAID

We offer three plants of each of the following 10 varieties, 30 plants in all, all good varieties for the beginner in rock gardening, carefully packed and labelled, all for \$5.00.

Name	Color	Height	Time of Flowering
Alyssum-Rostratum,	Yellow	8-10 inches	June
Campanula-Carpatica,	Blue	6 inches	July-August
Dianthus-Deltoides,	Deep rose	8 inches	June
Dianthus-Caesiuss,	Pink	8 inches	June
Veronica-Tenarium,	Deep blue	6-8 inches	May-June
Saponaria-Coymoides,	Pink	Low spreading	June-July
Sedum-Stoloniferum,	Pink	Low spreading	June-August
Tunica-Saxifraga,	Light pink	4-6 inches	June-August
Sedum-Stallii,	Smoky white	3-4 inches	June-July
Nepeta-Mussini,	Blue	Low spreading	May-August

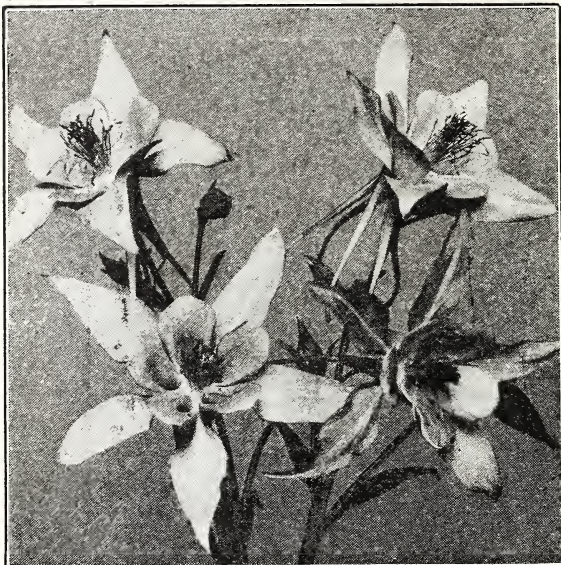
**BLEEDING HEART.** Long drooping racemes of heart-shaped flowers. Each, 75c; 3 for \$2.00, postpaid.

**DAISY.** *Chrysanthemum Latifolia.* The most vigorous, hardiest, handsomest and altogether most satisfactory daisy. Does well in semi-shade. Each, 30c; 3 for 70c.

**MEMORIAL DAISY.** In bloom by Decoration Day. 15 to 20 inches in height. Each, 30c; 3 for 70c.

**LILY OF THE VALLEY.** Sprays of drooping waxy-like, perfumed bells. Succeeds anywhere, but yearly. Large

## OLDS' SUMMER BLOOMING PERENNIALS



**Aquilegia or Columbine.**

**AQUILEGIA.** (Columbine or Honeysuckle.) One of the most graceful and dainty of hardy perennials with its delicately tinted bird-like blossoms on their slender stems, bowing and nodding in the breeze. The long-spurred flowers show shades of blue, mauve, cream, pink, red and yellow in a charming series of color blends. Well-rooted plants in mixed colors only. Each, 30c; 3 for 70c.

**COREOPSIS.** Sometimes called Yellow Daisy. Borne on numerous stems in great profusion nearly all summer. Each, 25c; 3 for 60c.

**CLOVE PINKS.** Perfectly hardy and flowering continuously from spring until late fall if the flowers are removed when they begin to fade. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced. Each, 30c; 3 for 70c.

**DAY LILY.** Tawny. These well known flowers are among the more popular perennials. The large trumpet shaped flowers of coppery-orange, shaded red are carried on stems three or four feet tall, blooming profusely in July. Each, 25c; 3 for 60c; 12 for \$2.00, postpaid.

**GOLD DUST LILY.** Large, clear, yellow flowers in June. Each, 25c; 3 for 60c; 12 for \$2.00, postpaid.

**SEDUM.** (Stone Crop.) Much like the old-fashioned Live Forever, a perennial much used for planting in rock gardens or out-of-the-way places because it always remains fresh and green no matter what the weather is like. Each, 30c; 12 for \$2.50.

**ACRE.** (Goldenmoss.) Foliage green, flowers bright yellow. Dwarf, for rockery. Each, 30c; 12 for \$2.50.

**CAMPANULA.** (Carpatic or Carpathian Hare Bell.) Compact tufted plant, about 9 inches tall. Flowers from June to August. Color, blue or white. Each, 30c; 3 for 70c.

**FOX GLOVE.** (Digitalis.) A biennial, but renews itself from self-sown seed. Stately and dignified old-time flowers growing on tall stalks. The inflated, tubular blossoms are of very striking beauty. Each, 30c; 3 for 70c, postpaid.

## FALL BULB CATALOG

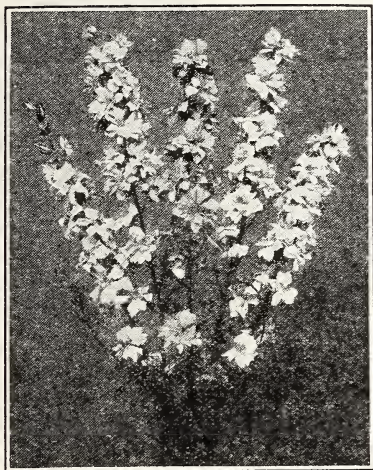
We issue a separate catalog of high quality bulbs and plants for fall planting. Ask for a copy if interested. Ready in August.



# OLDS' HARDY FLOWERING PLANTS

## SUMMER BLOOMING PERENNIALS—

(Continued)



Gold Medal Hybrid Delphinium.

**DELPHINIUM. Gold Medal Hybrid.** (Larkspur.) Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, of every shade of blue, and increasing in size and beauty yearly. Each, 30c; 3 for 75c.

**DELPHINIUM. Belladonna.** Sky blue. A continual bloomer. Each, 30c; 3 for 75c.

**DELPHINIUM. English Hybrids.** Very rare and beautiful. Each, 35c; 3 for 90c.

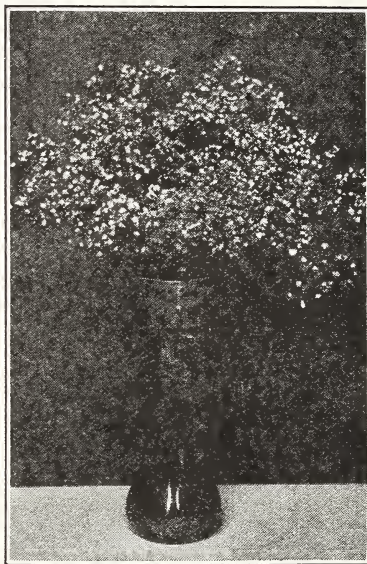


**DAISY. Shasta.** Burbank's great introduction. 4 to 5 inches across.

**DAISY. Giant.** Great white daisies on swaying 4 foot stems.

Both varieties, 30c each; 3 for 70c.

## OLDS' LATE BLOOMING PERENNIALS



Gypsophila or Baby's Breath.



Hardy Perennial Gaillardia.

**GAILLARDIA. (Blanket Flower.)** One of the most satisfactory of tall hardy perennials. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermillion. One of the few perennials which is always in blossom. 2 to 3 feet in height. Each, 25c; 3 for 60c; 12 for \$2.00, postpaid.

**MACROEPHALA. (Globe Centaurea.)** Big heads of thistle-like flowers blossoming in July. Plants 4 to 5 feet high. The brown, globe-shaped buds are very ornamental. 25c each; 3 for 60c.

**HOLLYHOCKS. Double Mixed.** These stately old-time favorites, full of sentiment and beauty, bear large, perfectly-formed flowers in many lovely colors and shades. 20c each; 3 for 50c.

**CANTERBURY BELLS.** Biennial. Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 25c; 3 for 70c; 12 for \$2.25, postpaid.

**GYPSOPHILA, OR BABY'S BREATH.** *Paniculata Compacta.* When in bloom in August and September, it forms a symmetrical mass 2 to 3 feet in height and the same in diameter; of minute white flowers having a beautiful gauze-like appearance. 20c each; 3 for 70c.

**FUNKIA. (Plant Lily.)** *Lanceolata.* Lilac flowers in September. 18 to 24 inches in height. 35c each; 3 for 90c.

**RUDEBECKIA. Purpurea. (Purple Cone Flower.)** 3 to 4 feet. August and September. Large striking, pinkish-purple flowers. Also known as *Echinacea Purpurea*. 25c each; 3 for 60c.

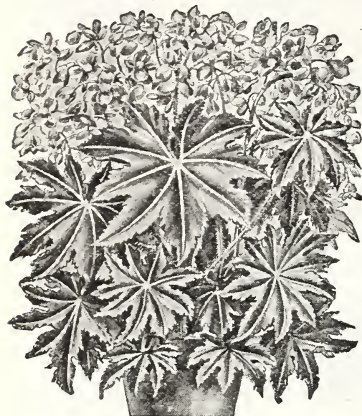
**STATICE. Latifolia.** Large flat heads of tiny purplish-pink flowers. May be dried and kept for months. August and September. 18 to 24 inches. 30c each; 3 for 70c.

**SEDUM. Spectabile.** Growth from 12 to 18 inches high. Useful in rockery, and valuable in the perennial border for the foliage is pleasing during the summer and the large flat heads of pink flowers are showy in September. Will do well in the sun or shade. 30c each; 3 for 70c.



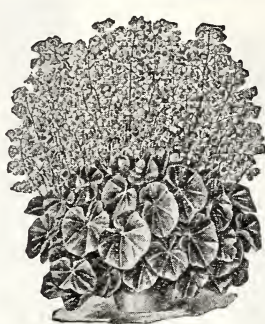
# OLDS' HOUSE AND DECORATIVE PLANTS

All plants offered on this and the following page will be sent direct from our growing station in Ohio and not from Madison. We guarantee choice plants. All prices include postage.



Star Begonia.

**STAR BEGONIA.** The leaf is very large—will average a foot or more in diameter, rich green, reddish markings. In bloom it is magnificent. Price, 50c; larger plants, 75c, postpaid.



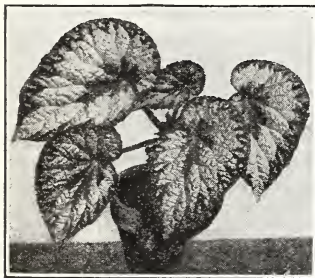
Beefsteak Begonia.

**BEEFSTEAK BEGONIA.** (Feastii.) Low, spreading begonia, finest pot begonia for house culture. 35c each; 3 for \$1.00; large plants, 50c each.



Popular Oleanders.

**POPULAR OLEANDERS.** The dark, rich green foliage and beautiful blooms make it more handsome than a palm. Can be wintered in cellar. Varieties: Pink, white, red and yellow. 35c each; 3 for \$1.00.



Giant Leaved Rex Begonia.

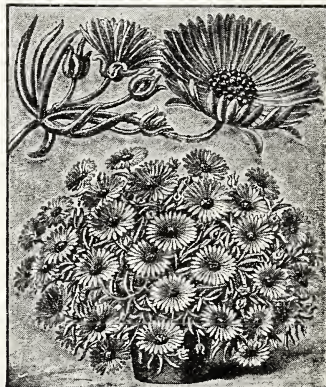
**GIANT PAINTED LEAF BEGONIA.** (Begonia, King or Rex.) In no other class of plants do we find the rich, metallic foliage and colors blending from bright green, silver and orange to a bright plum color. 40c each, postpaid.

**WEeping LANTANA.** Blooms winter and summer. Violet pink. 25c each; 3 for 70c, postpaid.



Baby Tears.

**BABY TEARS.** (Irish Moss.) (Helxine.) A compact, dense growing plant with miniature leaves, similar to a fine moss. Of partially creeping or drooping tendency which adds much to its gracefulness. A most attractive plant for cool, damp corners out of doors. Likes a good loamy soil. Nice plants, 35c each; 3 for \$1.00.



Free-blooming Wax Plant.



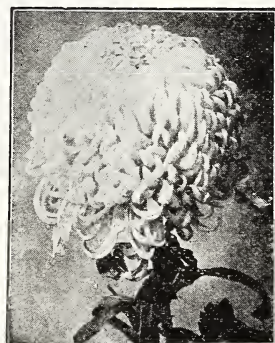
Hardy Garden Carnations.

**HARDY CARNATIONS.** 30c each; 3 for 85c; 12 for \$2.65.

**HER MAJESTY.** New double white.

**ABBOTTSFORD.** Rose-red, dark center.

**ELSIE.** Bright rose, maroon center.



Lavender Pink Chry., L. Boehmer.

## CHRYSANTHEMUMS

Price, any variety, 30c each; 3 for 80c; one each of the 4 varieties, \$1.00.

**M. FROMONT.** The only red Ostrich Plume.

**L'INFANT DES MONDES.** Pure white, strong grower.

**LOUIS BOEHMER.** Lavender-pink. Good size.

**PEARL OF LYONNAISE.** Bright, clear golden yellow.

## CHRISTMAS CACTUS.

An early-flowering crimson-scarlet variety, with long drooping flowers, borne in great profusion. Easily grown. Price, 40c.

## WAX PLANT. (Desert Plant.)

**Mesembryanthemum.** Suitable for hanging baskets; also for a pot plant. Free flowering; bushy wax-like appearance. Beautiful pink flowers. 25c each; 3 for 70c, postpaid.

**WATER HYACINTH.** It forms a lovely rosette of its curious shining green leaves, and throws up spikes of the most exquisite flowers imaginable, resembling in form a spike of Hyacinth bloom. In color a beautiful lilac-rose. Easily grown in water. 25c each; 3 for 70c; 12 for \$2.50.

## HANGING BASKET COLLECTIONS

No. 1. 10 plants for vase 10 to 15 inches in diameter, all different, our selection from following list—Cannas, Asparagus, Sprengerii, Russelia, Boston Fern, Vincas, Ivy Geranium, Coleus, Double Petunias, Single Petunias, Flowering Begonias, Verbenas, Geraniums, Salvias, Dracena Indivisia, Wandering Jew, Water Ivy, Ostrich Plume Fern, Feverfew. Price, 10 plants, \$1.75, postpaid.

No. 2. For vase 15 to 18 inches in diameter. 18 plants, our selection, from such as listed above. Price for the 18, \$2.75, postpaid.



# OLDS' HOUSE AND DECORATIVE PLANTS



Dwarf Fruiting Orange.

**FLOWERING AND FRUITING ORANGE.** A true orange, bearing masses of waxy-white, fragrant blossoms followed by bright colored, very sweet fruit. Grown as easily as a fern or geranium. 30c each; large plants, 75c and \$1.25, postpaid.

**AMERICAN WONDER LEMON.** A true everbearing Lemon. Fruit weighing over four pounds has been taken from a tree. The American Wonder Lemon excels ordinary Lemons for making pies. Of easy culture, flowering and fruiting in ordinary soil. Flowers are as fragrant as orange blossoms, which they greatly resemble. 30c each; larger plants, 75c and \$1.25 each, postpaid.



Snake Plant.

**SNAKE PLANT.** The ideal house plant. Its thick, leathery, sword-like leaves stand the heat, dust and gas with impunity. Leaves are dark green in color, striped with white. Nice plants, 35c each; large plants, 60c each, postpaid.



Wonderful Double Geranium "Radio Red."

## BRILLIANT-FLOWERED GERANIUMS

**RADIO RED.** Bright dazzling red.  
**APPLE BLOSSOM.** Salmon-rose.  
**MASTERPIECE.** Velvety-purple.  
**DAYBREAK.** Deep, clear, pink.  
**MORNING GLOW.** Soft salmon rose.  
**GYPSY QUEEN.** Brilliant apricot.  
Each, 25c; 6 for \$1.25, postpaid.

### Double Bedding Geraniums.

**FIREBALL.** Dark red. 25c each.  
**JEAN BIAUD.** Rosy pink. Giant. 20c each, postpaid.  
**LA FAVORITE.** Bushy, white blooms. 20c each.  
**MRS. LAWRENCE.** Satiny salmon pink. 20c each.  
**CARDINAL.** Dazzling scarlet. 20c.  
**FRANCES WILLARD.** Exquisite pearl pink. 20c each.  
**SPECIAL.** Any 3 of above Bedding Geraniums, 55c; the six for \$1.05, postpaid.

## FERNS

Prices, all varieties: 30c each; larger size, 50c; extra large size, 75c and \$1.00, postpaid.

**CAMPACTA.** The ostrich plume fern. Fronds often over 8 inches wide.  
**BOSTON.** Long drooping fronds. A fern that looks well anywhere.

**ROOSEVELT.** Dense massive fronds; erect in growth. Exceedingly graceful.

**LACE FERN.** (Asparagus Plumosus.) Fronds bright green, gracefully arched, finely woven; lasting quality is remarkable. 30c each; 3 for 85c; larger plants, 60c.

**SILVER FERN.** A very showy fern with variegated foliage. Fronds large, light green with broad band of silver-white down the center of each. Very distinctive. Should be in every collection of house plants. 40c each.

**MAIDEN HAIR FERN.** Long graceful fronds with the ends developed into bunchy tasseled heads. A distinct and lovely variety. 35c each.

**MOSS FERN.** Beautiful upright-growing Moss, numerous feathery stems. 12 to 18 inches in height. 30c each; 3 for 80c.

**FEATHER FERN.** (Asparagus Sprengeri.) The foliage is composed of dense glossy-green graceful drooping branches. Can be grown as a vase, pot or tub plant. Sprays four to five feet long. 25c each; larger plants, 50c and 75c, postpaid.



Mammoth Double Fuchsia.

**BEST FUCHSIAS**  
25c each; 3 for 65c, postpaid.  
**PHENOMENAL.** Bright scarlet flowers with rich purple corolla.  
**GIANT BEAUTY.** Sepals carmine and corolla deep lilac.  
**GLOIRE DES MARCHES.** Double scarlet and white.

**SPECTOSA.** Flowers are 4 inches in length, tube and sepals bright carmine.

**BLACK PRINCE.** Flowers carmine rose; extra large.

## LEMON VERBENA

The most fragrant foliage of any plant grown. Fragrance of the lemon. One plant will scent the whole garden. Rapid grower; white flowers. Winters in the cellar. 35c each; 3 for \$1.00, postpaid.

**WANDERING JEW.** Foliage variegated purple and scarlet; 20c each; 3 for 50c, postpaid.

**TRAILING VINCA.** (Variegated Periwinkle.) Variegated trailing vine for hanging baskets and vases. Flowers blue. Popular. 20c each; 3 for 50c; 12 for \$1.75.

**DOUBLE PETUNIAS.** Beautiful double fringed and frilled blooms. They are never out of flower. Colors: Purple, white, variegated. 30c each.



Pansy Geranium.

**PANSY GERANIUM.** Mrs. Loyal. (Pelargonium.) Bears flowers the markings of which are most extraordinary—light pink, white, dark purple, black, etc. Also rivaling the Pansy in neatness of flower. The plant is of the easiest growth and is literally covered with flowers all the time. Price 45c; 3 for \$1.25, postpaid.

**FIRECRACKER PLANT, WEEPING.** Of slender, arching, drooping habit, literally covered with brilliant coral-red buds and flowers. 30c each, postpaid.

## FRENCH OR PORCH HYDRANGEAS

For the Porch, Lawn and Garden.

**BOUQUET ROSE.** Deep rosy-amber turning to red. Each, 35c; 3 for 90c.

**MME. MOUILLERE.** Very large flowers of purest white with rosy carmine eye. 30c each.



Trailing Vinca.



# OLDS' ROSES, HARDY VINES AND SHRUBS

## ROSES THAT BLOOM ALL SUMMER.

**LA FRANCE.** Exquisite soft pink, shaded silvery rose. 1-year, 30c each; 3 for 70c; 2-year, 70c; 3 for \$2.00, postpaid.

**PINK KILLARNEY.** Brilliant and sparkling shell pink. 1-year, 30c each; 3 for 80c; 2-year, 70c; 3 for \$2.00.

**PERLE DES JARDINS.** Clear golden yellow. Very fragrant. 1-year, 30c each; 3 for 85c; 2-year, 70c; 3 for \$2.00.

**FRANCIS SCOTT KEY.** Crimson scarlet. Growth strong, vigorous and free branching. 1-year, 25c each; 3 for 70c; 2-year, 70c; 3 for \$2.00.

**ANGELUS.** Snowy white. Large blooms. Strikingly beautiful. 1-year, 25c; 3 for 70c; 2-year, 70c; 3 for \$2.00.

**RED RADIANCE.** Carmine red. Free flowering. 1-year, 30c each; 3 for 85c; 2-year, 70c; 3 for \$2.00.

**MME. BUTTERFLY.** Apricot shaded gold. Flowers very double. Unsurpassed. 1-year, 30c each; 3 for 85c; 2-year, 70c; 3 for \$2.00.

**SPECIAL OFFER.** One each of the seven "Roses that bloom all summer." 1-year, \$1.80; 2-year, \$3.75, postpaid.

## HARDY CLIMBING ROSES.

One-year plants, 30c each; 3 for 60c; 2-year, 60c each; 3 for \$1.70, postpaid.

**CLIMBING AMERICAN BEAUTY.** Same as American Beauty, with climbing habit.

**BLUE RAMBLER.** Flowers metallic blue, borne in large clusters.

**DOROTHY PERKINS.** Beautiful shell-pink rambler. Sweetly scented.

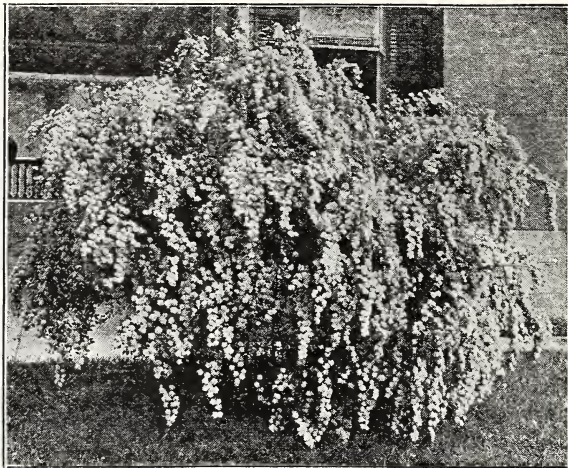
**SHOWER OF GOLD.** Deep golden yellow; beautiful foliage.

## HEDGE PLANTS

**PRIVET.** Amoor (Siberian). A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. Also a good specimen plant.

**JAPAN BARBERRY.** Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. This variety does not harbor wheat rust and may be planted anywhere.

Hedge Plants, 25c each; 10 for \$2.00, postpaid. By express, 100 for \$18.00.



Spirea Van Houttei.

**SPIREA VAN HOUTTEI.** (Hardy Bridal Wreath). Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. 40c each; 3 for \$1.00, postpaid.

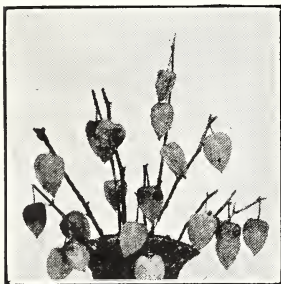
**SPIREA PRUNIFOLIA.** Just like Spirea Van Houttei in habit of growth; flowers are very double and in clusters along the branches. Foliage turning to brilliant red in autumn. 45c each; 3 for \$1.10, postpaid.

**FROEBEL'S SPIREA.** A Japanese type of Spirea with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Begins to bear flat clusters of rose colored flowers almost as soon as planted and continues in bloom until late autumn. Bushy plants. 1½ to 2 feet high. 45c each; 3 for \$1.10, postpaid.

**BUSH HONEYSUCKLE.** Long-lived shrub of dense upright growth, eventually reaching a height of 5 to 8 feet. In spring it bears myriads of fragrant pink blossoms followed by a profusion of vinous red "twin" berries that hang on the branches until winter. A valuable shrub for screens or massing. 40c each; 3 for \$1.00, postpaid.

**SNOWBALL.** The common Snowball has been a favorite for many years and is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. No home should be without it. 40c each; 3 for \$1.00, postpaid.

**SNOWBERRY.** One of the prettiest of low-growing shrubs, hardy, and succeeding in almost any soil or in partial shade. The tiny pink flowers are followed by waxy white berries which last well into the winter. 40c each; 3 for \$1.00, postpaid.



Chinese Lantern Plant.

## HARDY VINES

**CHINESE LANTERN PLANT.** A wonderful ornamental plant grown chiefly for the orange-scarlet lantern-like fruits that are gathered in the fall and serve as splendid decorations at Thanksgiving and Christmas time. Very easy to grow. Good strong plants. Each, 30c; 3 for 70c; 12 for \$2.00.

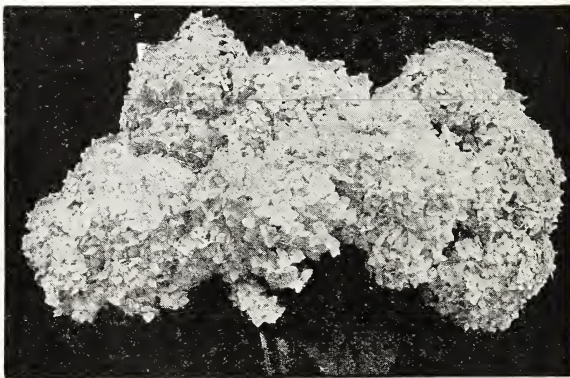
**VIRGINIA CREEPER.** A hardy rapid-growing climber with luxuriant foliage which changes in autumn to brilliant orange and crimson. 40c each; 3 for \$1.00, postpaid.

**SCARLET HONEYSUCKLE.** A tall sturdy climber, especially suitable for a north position. The bluish green foliage covers well and the plant blooms from midsummer until very late in the fall. The flowers are trumpet-shaped and of a bright vermilion color with a golden yellow center. 45c each; 3 for \$1.10, postpaid.

**BOSTON IVY.** (Veitchi). The well known vine for covering brick and stone work. A much better climber than Engelmanni and with finer foliage. 40c each; 3 for \$1.00, postpaid.

**ENGELMANNI IVY.** (English Ivy.) It has a foliage which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; harder than the Boston Ivy and will do well in any situation. 40c each; 3 for \$1.00, postpaid.

**WISTERIA.** This is the famous Purple Wisteria of Japan. By close pruning it may be grown in tree form. 40c each; 3 for \$1.00, postpaid.



Hydrangea paniculata.

**HYDRANGEA PANICULATA.** Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 40c each; 3 for \$1.00, postpaid.

**HYDRANGEA.** Arborescens. (Hill of Snow.) A beautiful new American shrub. Foliage a good green, bluish underneath. Flat clusters of white flowers from June to August. 40c each; 3 for \$1.00, postpaid.



# OLDS' NORTHERN GROWN TREES

Note. Everything offered on this and the following page will be sent from our growing station in eastern Wisconsin, not from Madison.

Prices, all varieties Apples, 4 to 6 foot trees, shipped by express: Each, 50c; 10 for \$4.75.

## SUMMER VARIETIES APPLES

**YELLOW TRANSPARENT.** An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

**DUCHESS OF OLDENBURG.** A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

**GOLDEN SWEET.** A good early sweet sort.

**RED AS-TRA-CHAN.** Large, beautiful deep crimson. Valuable for market.

**TETOF-SKY.** Medium, yellow, striped red, nice for eating. The best early eating apple.

We guarantee good stock and good packing. While we exercise the greatest care to have all stock genuine, we do not give a n y warranty, and in case of any error on our part it is mutually agreed, that we shall not at any time be held responsible for a greater amount than the original price of the goods.

## WINTER APPLES

**BEN DAVIS.** Large, handsome, striped, valuable.

**DELICIOUS.** Good size, fine quality. Tree good grower and hardy.

**FAMEUSE.** (Snow.) Medium, deep crimson, flesh white, of best quality.

**GRIMES' GOLDEN.** Good size, yellow, of highest quality; very productive.

**GOLDEN RUSSET.** Medium, dull russet, quality the best. Tree enormous and early bearer. Valuable for the market and for home use.

**JONATHAN.** Medium, red, extra quality.

**MCINTOSH.** Medium size, dark red, good quality, juicy, sub-acid.

**NORTHWESTERN GREENING.** Hardy, yellow, rich, of good size; extra long keeper.

**NORTHERN SPY.** Large, striped, mild, sub-acid and tender, with a rich, delicious flavor.

**SEEK-NO-FURTHER.** (Westfield.) Medium to large, round, striped with dull red, russet dots; fine grain, tender, rich and excellent.

**STAYMAN'S WINESAP.** A very popular winter apple. Largely planted.

**TALLMAN SWEET.** Medium, yellow, rich. Good keeper.

**WINTER BANANA.** A beautiful golden yellow, crimson cheeked apple with a decided banana flavor. Tree hardy.

Prices all apples, 4 to 6 foot trees, 50c each; 10 for \$4.75. Shipment by express.

## RUSSIAN APRICOTS

Recommended where peaches cannot be grown. They are early bearers and productive.

**SUPERB.** A hardy seedling from Kansas. The best flavored, most productive, hardy apricot yet produced. Golden yellow. Each, 75c; 10 for \$7.00, by express.

## AUTUMN VARIETIES APPLES

**WEALTHY.** The one fall apple with a perfect score as regards dessert, cooking and market qualities in contests of the Wisconsin Horticultural Society. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

**ST. LAWRENCE.** Large, streaked red and greenish yellow; fine quality.

**WOLF RIVER.** The largest apple grown. Greenish-yellow shaded red. Pleasant flavor for eating out of hand or cooking but a little coarse in texture.

**AUTUMN STRAWBERRY.** Tender, juicy, productive; fine for home orchard.



Delicious Apples.

transportation charges. 4 to 6 foot trees: Each, 50c; 10 for \$4.75.

Add 20c per tree for 4 foot stock to go by parcel post.

All apple trees are ordinarily shipped by express, customer paying

## PEARS

**BARTLETT.** Large, buttery, juicy, high flavored, great bearer; very popular, early. (August.)

**CLAPP'S FAVORITE.** Very large, early, yellow and red, with russet specks; melting rich. (August.)

**KEIFFER.** Its large size, handsome appearance and remarkable keeping and shipping qualities make it exceedingly profitable for market. Very hardy. (November.)

Prices, all varieties pears, 3 to 4 foot trees, by express: Each, 75c; 10 for \$7.00.

## CRAB APPLES

**HYSLOP.** Large, deep crimson; most beautiful.

**TRANSCENDENT.** A red and yellow Siberian.

**WHITNEY.** One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.

Prices, 4 to 6 foot trees: Each, 50c; 10 for \$4.50.

## CHERRIES

**★EARLY RICHMOND.** An early variety of extreme hardness bearing large crops. Light to dark red, juicy.

**★MONTMORENCY.** Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

**ENGLISH MORELLO.** Large, dark red, juicy; tree somewhat dwarf in growth.

Prices all Cherries, 3 to 4 foot trees: Each, 60c; 10 for \$5.50, by express.

## ORNAMENTAL TREES

**BECHTEL'S CRAB.** A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular variety.

**DOUBLE-FLOWERING PLUM.** Very early-flowering and hardy. Large, double flowers of rosy pink which set close on the branches and open as the leaves unfold in spring.

**FLOWERING ALMOND.** Very dwarf. The double pink flowers are borne on the bare stem before the foliage appears. A beautiful and striking ornamental.

2 to 3 foot trees, above three ornamentals, by express: Each, 75c; 3 for \$2.00.



# OLDS' NORTHERN GROWN TREES AND PLANTS

## GRAPES



Concord Grapes.

**CONCORD.** The old standard purple grape, doing well everywhere. A heavy yielder.

**WORDEN.** An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

**DELAWARE.** An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

**BETA.** The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium-sized, jet black, in good bunches, juicy and of fair quality.

**MOORE'S EARLY.** Bunch and fruit large, very productive and of superior quality. Vine exceedingly hardy. Desirable for an early market. Its hardiness particularly adapts it to Canada and Northern portions of the United States.

**NIAGARA.** Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough; quality much like Concord.

**CAMPBELL'S EARLY.** The fruit is large, often an inch or more in diameter, glossy black with a purple bloom, sweet and juicy, with few seeds. They ripen from the fifteenth to the last of August. As a keeper and shipper this variety is unequalled by any other American grape while as a dessert grape it is delicious.

Any of the above grapes, postpaid, each, 30c; 10 for \$2.50; by express, 100 for \$22.00.

## SWEET POTATO PLANTS

Ready about May 15th or later according to the weather.

**YELLOW JERSEY.** The standard well known variety. Grow your own sweet potatoes. The yield will please you. Prices: 100 plants for \$1.50; 1,000 plants, \$8.50, postpaid. Not prepaid: 1,000 for \$7.00; 5,000 for \$30.00.

## FLOWERING PLANTS

**ASTER.** Royal Mixed. Fine early flowered for bedding. Olds' Branching. Mixed colors, long stemmed, the finest aster for cutting. Doz., 40c., 50 for \$1.25, postpaid.

**PANSY.** Well rooted, ready to bloom. Doz., 60c; 50 for \$2.00, postpaid.

**PETUNIA.** Large-Flowered Ruffled. Mixed colors. Pink Flowered, for window boxes. Doz., 40c; 50 for \$1.25, postpaid.

**SALVIA.** Scarlet. A brilliant bedding flower. Doz., 45c; 50 for \$1.50, postpaid.

**SNAPDRAGON.** Mixed Dwarf. Doz., 40c; 50 for \$1.25, postpaid.

**HORSE RADISH ROOTS.** 12 for 25c; 100 for \$1.25, postpaid.

## ASPARAGUS PLANTS

We want to call attention to our Asparagus Plants.

No better plants can be grown than those grown on our peat soil and no better results can be obtained than by planting **One-Year Old Plants.** We recommend them because they are more easily handled and can be properly planted with less work than the long rooted **Two-Year Old Plants.** See page 31.

Prices: Mary Washington Rust Proof. 25 for 75c; 50 for \$1.25; 100 for \$2.00, postpaid. Not prepaid, 100 for \$1.75; 1,000 for \$15.00.

## THE NEW MINNESOTA PLUMS

Prices, all plums, 3 to 4 foot trees, by express: Each, 75c; 10 for \$7.00.

These "New Minnesota Plums" were produced by crossing the Burbank and other Japanese varieties with the hardy native sorts. They are hardy anywhere in the Northwest. They begin to bear the second year from planting and produce fruit that will equal in size and quality the best California plums.

★**LORING PRIZE.** This plum was awarded a \$100.00 prize by the Minnesota Horticultural Society as the best in Minnesota. Big red plums as large as good-sized peaches and much the same shape; of wonderfully fine flavor.

★**UNDERWOOD (MINNESOTA NO. 91).** This is the earliest and hardiest of the large new plums, ripening August first to August 15th, and attaining a size of 1 1/4 inches in diameter. The tree is one of the strongest. Fruit red, juicy; very small pit, free stone.

★**RED WING (MINNESOTA NO. 12).** A regular bearer and hardy as far north as Minneapolis. Fruit very large, firm and of excellent quality. Color, yellow overlaid with bright red. Stone small and free, very sweet. Season, third week in August.

★**TONKA (MINNESOTA NO. 21).** Hardy up to a hundred miles north of Minneapolis. One of the most productive of all these plums. Fruit uniform in size, averaging one and three quarters inches in diameter. Season, August 15th. Yellow, sweet, free stone.

## PROF. HANSEN'S NEW PLUMS

**OPATA.** The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower, bearing heavily one year after it is planted. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and small pit. Free stone.

**SAPA.** Dark flesh of fine quality. Five-foot trees at three years bear 1 to 1 1/2 bushels each and keep it up.

**WANETA.** The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and rich sweet flavor. Absolutely hardy.

## OTHER PLUMS

**GERMAN PRUNE.** Large, dark purple; good, hardy and productive. The leading market variety.

**REINE CLAUDE.** (Bavey's Green Gage). Very large, greenish, fine flavor.

Prices, all Plums, 3 to 4 ft. trees, by express; each, 75c; 10 for \$7.00.

3 to 4 ft. trees can be sent by parcel post if you will add 20c per tree.

## SHADE TREES

For lawn or street planting. Strong, well-rooted, 6 to 8 foot trees. Prices except as otherwise noted, by express: Each, \$1.00; 3 for \$2.75.

**MOUNTAIN ASH.** Fine foliage with red berries.

**SILVER MAPLE.** A large and rapid growing shade tree.

**RUSSIAN MULBERRY.** Bears fruit like the black-berry.

**WHITE ASH.** Resists drought well. A rapid grower.

**HARDY CATALPA.** Rapid grower, with fragrant flowers.

**CAROLINA POPLAR.** An improved Cottonwood.

**WHITE ELM.** The best shade tree.

**BOX ELDER.** A rapid grower.

**PURPLE LEAF MAPLE.** 5 to 6 ft., \$1.50 each, by express.

**HORSE CHESTNUT.** 4 to 5 ft., \$1.50 each, by express.

**WHITE BIRCH.** 4 to 5 ft., \$1.00 each, by express.

**WEEPING BIRCH.** 4 to 5 ft., \$2.00 each, by express.

**BUTTERNUT.** 4 to 5 ft., \$1.00 each, by express.

**BLACK WALNUT.** 4 to 5 ft., \$1.00 each, by express.

## RHUBARB ROOTS—LARGE VICTORIA

After the long winter months with their lack of fresh fruit, early spring Rhubarb is a most welcome treat. In sauce or pie it seems to have a more universal appeal than any other fruit of the year. Rhubarb is very easy to grow. We use whole roots for filling orders, and they are freshly dug. These will give big, tender, juicy stalks soon after planting. If grown on rich ground and if not used too freely the first season, they should later produce 20 to 30 stalks to a plant, 20 inches long and 1 1/2 inches through.

Rhubarb is a specialty with us, and the growing of it and asparagus roots are some of the things we do best. You will like the roots we send you. 3 for 40c; 12 for \$1.25, postpaid. Not prepaid: 25 for \$1.95; 100 for \$6.00.



# STRAWBERRIES

Our Strawberry Plants are never sent with other goods. They are freshly dug, well packed and sent by themselves at planting time. They are all Wisconsin grown, large plants, well rooted.



Three Average Mastodons, With Two Just Normal Size Champions, a Standard Variety, on Top.

## THE MASTODON EVERBEARING

The great Strawberry novelty. It is a sure money maker and you should start a patch of the Mastodon now so you can enjoy the fruit this summer and have plants to sell your neighbors next spring.

The heaviest producing strawberry. Some have measured five inches in circumference. Nine selected berries have filled a quart box. It is easy to select eighteen that will fill a quart box. The plants are always big and vigorous and well supported by a heavy root system. Like all everbearing varieties, the Mastodon will nearly always take a rest during about six weeks of the hottest, driest part of the summer; after that it bears until freezing weather begins. It does not bear smaller fruit later in the season; in fact the fall crop is usually larger than that produced in the spring. A four acre tract produced 22,176 quarts in 28 weeks or nearly 5,600 quarts per acre. Figure what this will mean in dollars and cents at the price of berries in your locality and take into consideration that fall berries usually sell for much more than those produced in the spring.

Berries are firm and solid, of the finest flavor, although on account of their unusually large size we do not recommend them for shipping a great distance. The Mastodon is not an experiment. It is absolutely the best flavored, largest, heaviest producing and finest berry ever introduced and we guarantee it unqualifiedly. Prices, postpaid: 12 plants for 75c; 25 for \$1.25; 100 for \$3.00; 1,000 for \$20.00.

## STANDARD VARIETIES

**SENATOR DUNLAP** (Perfect Flowering.) We believe this is the most satisfactory all-around strawberry now on the market. The plants are medium in size, long rooted and therefore drought-resisting. It is unusually productive, beginning to ripen early and continuing to bear a long time.

The fruit is of medium size, smooth, regular and firm and of a beautiful red color extending well to the center of the berry.

**DR. BURRELL.** (Perfect): Medium. "The Million Dollar Berry." A cross between Senator Dunlap and Crescent. Does well in all soils and climates. Fruit large, dark red, glossy and fine. Add some Dr. Burrells to your order for variety.

**WARFIELD.** (Imperfect Flowering.) It is small but a vigorous grower, with foliage tall enough to protect the blossoms from the late frosts.

It is one of the best of shippers and its rich color, good size, fine shape and flavor make it an almost perfect market berry. It is midseason, dark red, and firm.

**AROMA.** (Perfect Flowering.) Plants large, vigorous, with a splendid root system; always make about the right amount of plants for a good fruiting row. Fruit large, holding its size well throughout all the pickings. The berry is nearly round, smooth and perfect in form, of a beautiful bright, glossy red color, very firm and of high quality. It is medium late in season, much more than average in yield and a sure cropper every year.

Prices for any of the above four varieties: Postpaid, 25 for 45c; 100 for \$1.50.—By express: 1,000 for \$7.00; 500 at 1,000 rate. Cultural leaflet on request.



A Box of Progressive Everbearing Strawberries.

## EVERBEARING STRAWBERRIES

Everbearing strawberries are no longer an experiment. Planted early in the spring, they will ripen in August, yielding the finest of fruit until November's freezing-up time comes. Then in June they will yield again and after a few weeks' rest will throw up new blossom stalks and yield still again through the following fall.

**PROGRESSIVE.** The best everbearer except the New Mastodon. A strong hardy plant, producing many runners. Foliage large and healthy, fruit of good size.

Prices, postpaid: 25 for \$1.00; 100 for \$2.65.—By express: 1,000 for \$18.00; 500 at the 1,000 rate.



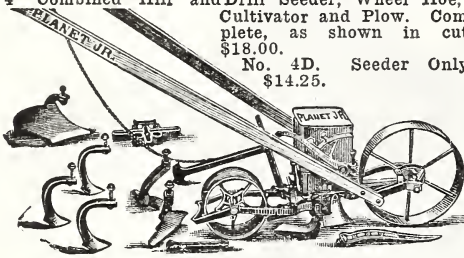
# Planet Jr. Garden Tools

The New "Planet Jr." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

## PLANET JR. NO. 4 COMBINED SEEDER.

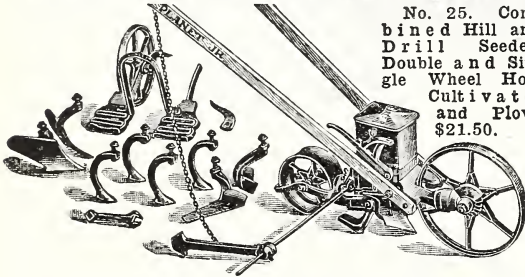
No. 4 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. Complete, as shown in cut, \$18.00.

No. 4D. Seeder Only, \$14.25.



## PLANET JR. NO. 25 COMBINED SEEDER.

No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$21.50.



## PLANET JR. NO. 26 DRILL SEEDER.

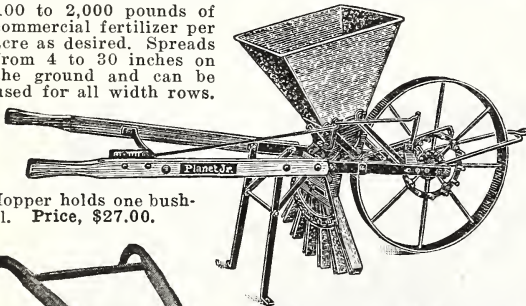
A new style, large size seeder, with wide tread wheels. Price, \$20.00.

## PLANET JR. NO. 35 SEEDER ATTACHMENT.

Fastens to any Wheel Hoe or Garden Plow. \$6.50.

## PLANET JR. FERTILIZER DISTRIBUTOR.

Will distribute from 100 to 2,000 pounds of commercial fertilizer per acre as desired. Spreads from 4 to 30 inches on the ground and can be used for all width rows.



Hopper holds one bushel. Price, \$27.00.

## HUDSON GARDEN PLOW.

An easy running, high 24-inch wheel, cultivator and plow at a low price. Makes a very effective weeder and pulverizer. Handles are adjustable in height and pitch of tools may be varied. Just the thing for the farm or market garden.

Hudson No. 240, as shown in cut, \$4.00.

Hudson No. 244, without plow and sweep, \$3.35.

## HUDSON CULTIVATOR HOE.

Four-tooth hoe adjustable in width, 12-inch handle. Price, 45c; by mail, 55c.

## LONG-HANDLED HUDSON HOE.

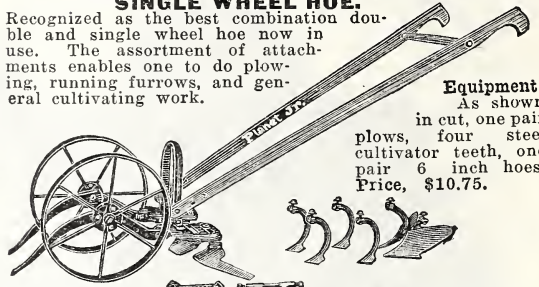
Same as the preceding but with 4-foot handle instead of 12-inch. Price, 55c; by mail, 65c.

## PLANET JR. NO. 12 DOUBLE AND SINGLE WHEEL HOE.

Recognized as the best combination double and single wheel hoe now in use. The assortment of attachments enables one to do plowing, running furrows, and general cultivating work.

### Equipment:

As shown in cut, one pair plows, four steel cultivator teeth, one pair 6 inch hoes. Price, \$10.75.



## PLANET JR. NO. 17 SINGLE WHEEL HOE.

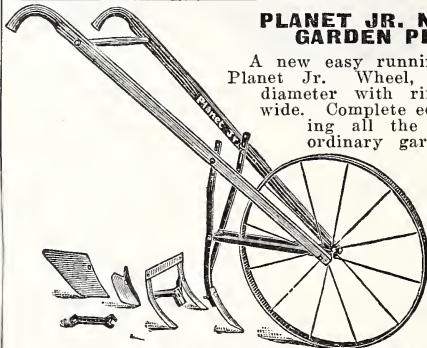
Equipment: One large garden plow; three steel cultivator teeth; one pair of six inch hoes. Price, \$7.75.

## PLANET JR. NO. 17½ SINGLE WHEEL HOE.

Same as No. 17 without the garden plow. Price, \$6.75.

## PLANET JR. NO. 119 GARDEN PLOW.

A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating, hoeing, hilling. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$4.75.



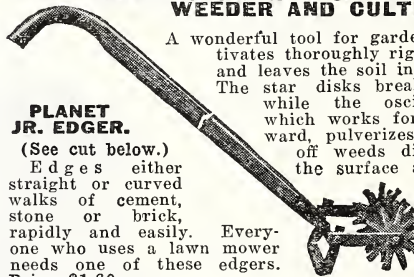
## PLANET JR. STAR PULVERIZER, WEEDER AND CULTIVATOR.

A wonderful tool for garden work. Cultivates thoroughly right after a rain and leaves the soil in fine condition. The star disks break up the soil, while the oscillating blade, which works forward or backward, pulverizes the soil, cuts off weeds directly beneath the surface and levels the soil at the same time. Width of cut, 7½ inches. Weight 6 lbs. Price, reduced \$3.00.

## PLANET JR. EDGER.

(See cut below.)

Edges either straight or curved walks of cement, stone or brick, rapidly and easily. Everyone who uses a lawn mower needs one of these edgers. Price, \$1.60.



Edging along cement walk





## BARKER

WEEDER-MULCHER-CULTIVATOR

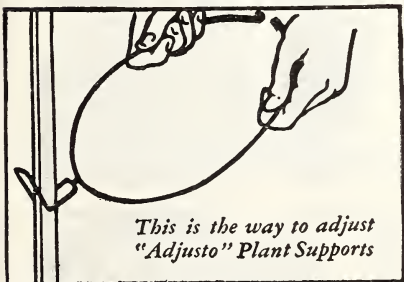
**DUBL-DUTI CULTIVATOR.** 5-inch blade. Double edged rocker blade at bottom, rake at top. Long handle, \$1.15; by mail, \$1.30.



### AUTOGRAT LAWN SETTEE.

Strong, durable, attractive. Just the thing for the private lawn or public park. Thousands are in use all over the country.

4 feet long, as shown in cut, \$5.00.  
5 feet long, with seat support, \$5.50.  
6 feet long, with seat support, \$5.75.



*This is the way to adjust  
"Adjusto" Plant Supports*

### ADJUSTO PLANT SUPPORT.

For Tomatoes, Dahlias, etc.

An adjustable, practical and durable plant support. Consists of two parts: an oak stake pointed at the bottom and painted green and a hoop of toughest galvanized steel, also painted green. Adjustable to any height.  
With 3 ft. stake, 25c each; doz. .... \$2.50  
With 4 ft. stake, 30c each; doz. .... 3.00  
With 5 ft. stake, 35c each; doz. .... 3.60

For Potted Plants, etc.

With 18 in. stake, 12c each; doz. .... \$1.20  
With 2 ft. stake, 15c each; doz. .... 1.50  
(Plant supports not mailable)  
(Prices reduced this season)

## BARKER WEEDER, MULCHER AND CULTIVATOR—3 TOOLS IN ONE

Makes Gardening Easy and Insures Best Yields.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower.

In market gardening labor is the chief item of expense. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes. Many leading commercial market gardeners have discarded all other kinds of tools since trying the Barker.

No. 6D, 6-Inch Cut, for lettuce and close row crops, \$9.25.

No. 8½D, 8½-Inch Cut, for onions and similar crops, \$10.60.

No. 10D, 10-Inch Cut, best size for most crops, \$11.75.

No. 11D, 11-Inch Cut, for beets and rutabagas, \$12.60.

No. 12D, 12-Inch Cut, cleans up the weeds a little faster than the other sizes, \$13.45. Recommended for big gardeners.

Barker Jr. new design. Of lighter weight but well made. Cuts 9 inches. Price, \$7.25.

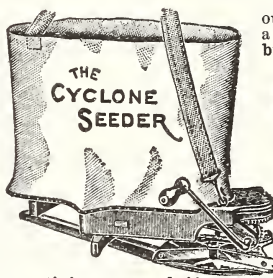
Prices include all attachments. Money back if not satisfied. Goods guaranteed five years. Not mailable.

Note—"Gardening for Profit and Pleasure," a beautiful illustrated 24 page book on weeding, mulching and cultivating, mailed free on request.

### CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even grain. Price, reduced, \$2.00; by mail, \$2.25.

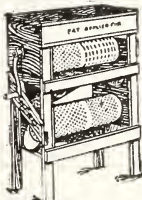
**HORN SEEDER.** Does very satisfactory work if properly used. Made by the Cyclone people. Price, \$1.00; by mail, \$1.10.



### HERO CORN GRADER.

A Corn Grader that is a real grader. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way.

Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$18.00.

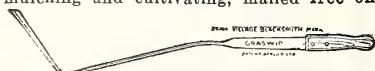
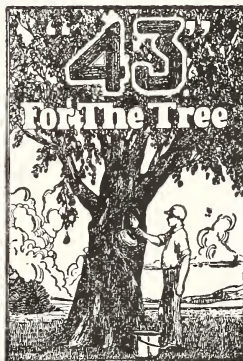


Corn Grader.

"43" For the Tree contains those acids that destroy fungi and insects. A quick, easy application forms an elastic, waterproof coat, keeping out water, air, infestation and decay and permits the wound to heal.

Order Plastic "43" for cavities; order Liquid "43" to brush over pruned trees, at sawed off limbs, broken branches, surface wounds and to coat around bottoms of trees to prevent rabbits, small animals and insects from attacking the tree.

Prices, either Plastic or Liquid:  
Lb. can ..... \$0.65; by mail, \$0.75  
2½ lb. can ..... 1.55; by mail, 1.75  
5 lb. can ..... 2.95; by mail, 3.25  
10 lb. can ..... 5.75; by mail, 6.10  
(Recommended by Horticulturists and Tree Surgeons.)



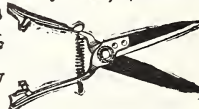
### GRASWIP.

Cut your grass without stooping. Swings like a golf stick. Price, \$1.00; by mail, \$1.10.



### CALIFORNIA PRUNING SHEAR.

A thoroughly reliable pruning shear. Price: 90c; by mail, \$1.00.



### GRASNIP SHEARS.

For grass, vines, light shrubbery, etc. Price: \$1.05; by mail, \$1.15.



### HEDGE SHEARS.

6-inch blade, \$1.50; by mail, \$1.60; 8-inch blade, \$2.25; by mail, \$2.40; 10-inch blade, \$2.60; by mail, \$2.75.



### LONG HANDLE PRUNING SHEARS.

Special heavy, 26 inch. \$3.25; by mail, \$3.40.



### GRASS HOOK

Forged steel, 60c; by mail, 65c.



# "Norcross" Cultivator--Hoe and Weeder

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil from one to five inches deep, as required.

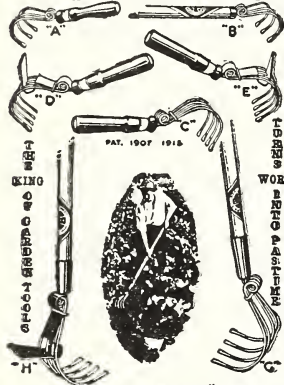
Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout.

Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

5-prong, 4 foot handle, \$1.15; by mail, \$1.30.  
3-prong, 4 foot handle, 85c; by mail, \$1.00.  
"Midget," 9 inch handle, 50c; by mail, 55c.



## REICHARD'S COMBINATION SPRING-TOOTH Magic Weeder Hoes



## MAGIC WEEDER HOES.

Style A. 3 times, 9 inches long. A very popular and useful little tool. 20c; by mail, 25c.

Style B. Same as Style A except with longer handle. Length, 22 inches. 25c; by mail, 30c.

Style C. Larger and stronger than Style A. 4 times. Width adjustable. 35c; by mail, 40c.

Style D. Still larger. 11 inches long, with 1½ inch blade. 50c; by mail, 60c.

Style E. Same as D except that blade is "V" pointed. 50c; by mail, 60c.

Style F. Long handle, 42 inches. Heavier than the preceding. 70c; by mail, 85c.

Style G. Larger and stronger than Style F. 48 inch handle. \$1.00; by mail, \$1.10.

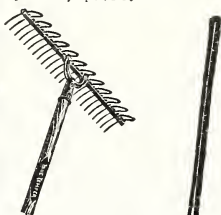
Style H. Four foot handle, with cutting blade added. \$1.25; by mail, \$1.40.

Style K. Same as Style H except blade is "V" shaped. \$1.25; by mail, \$1.40.



## STEEL BOW GARDEN RAKE.

Finest rake made. True temper. 14-tooth. \$1.35; by mail, \$1.50.



## LAWN RAKE.

24-Tooth, 85c; by mail, \$1.00.

## ACME POTATO PLANTER.

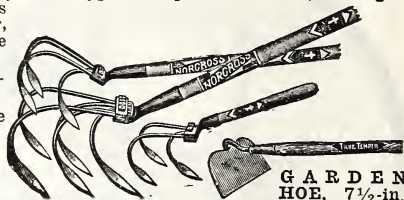
The original hand potato planter. Price, \$1.15; by mail, \$1.30.

## ROTARY CORN PLANTER.

Works automatically. Use in one hand like a walking stick. Accurate. \$2.50; by mail, \$2.65.

## With P. S. A. Rotary. ACME CORN PLANTERS.

Simple, durable, accurate. Acme Plain, \$1.15; by mail, \$1.30. With Pumpkin Seed Attachment, \$1.30; by mail, \$1.45. With Fertilizer Attachment, \$2.60; by mail, \$2.75.



Shank, \$1.05; by mail, \$1.20.

## GARDEN HOE. 7 1/2-in. Socket, \$1.20; by mail, \$1.35.

## SUGAR BEET OR NURSERY- MAN'S HOE, \$1.25; by mail, \$1.40.

## HEAVY SPADING FORK.

True temper, D handle, best made. \$1.75; by mail, \$1.95.

## BOYS' SPADING FORK

Extra light, angular tines. Best made. \$1.10; by mail, \$1.25.

## STEEL GARDEN TROW- EL, Extra Heavy, 6 1/2 inch, 20c each; by mail, 25c.

Light, 6 inch blade, 15c each; by mail, 20c.

## TRANSPLANTING TROWEL.

Heavy 6 1/2 inch blade, 20c each; by mail, 25c.

Light, 6 inch blade, 15c each; by mail, 20c.

## GARDEN SPADING FORK.

25c each; by mail, 30c.

## "OUT-U-KUM" WEED PULLER.

New principle. A slight push and pull removes not only the weed but the entire root. Ridding a lawn of dandelions is just fun. Long handle, no stooping.

Price, 75c; by mail, 85c.



## Bird's IMPROVED Flower Pots



Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots, are easier to handle and much less expensive.

	By mail.		By express or freight.		
	25	100	25	100	1,000
2 1/2-inch	\$.20	\$.65	\$.15	\$.55	\$1.50
2 3/4-inch	.25	.75	.20	.65	5.25
3-inch	.30	.95	.25	.80	6.75
3 1/2-inch	.35	1.15	.30	.95	8.25
4-inch	.45	1.30	.40	1.20	10.50
5-inch	.70	2.10	.55	1.80	16.00
6-inch	.90	2.85	.70	2.40	21.00

## PAINTED POT AND GARDEN LABELS.

	By mail.		By express		
	25	100	25	100	1000
Painted Labels 4x 5/8 inches	\$.10	\$.35	\$.08	\$.25	\$2.00
Painted Labels 5x 5/8 inches	.13	.40	.10	.30	2.50
Painted Labels 6x 5/8 inches	.15	.45	.12	.35	2.90
Painted Labels 8x 5/8 inches	.30	.95	.25	.80	7.25
Painted Labels 10x 5/8 inches	.25	.85	.20	.75	6.50
Painted Labels 10x 7/8 inches	.40	1.20	.35	1.00	9.00
Painted Labels 12x 5/8 inches	.35	1.05	.30	.90	8.00
Painted Labels 12x 1 1/8 inches	.50	1.55	.40	1.30	12.00

## CONCAVE P O T A T O KNIFE. 35c; 3 for 90c, post- paid. (See page 25.)

## FOUNTAIN LAWN SPRINKLER.

Known the country over for its fine mist-like spray. Price, 90c; by mail \$1.00.

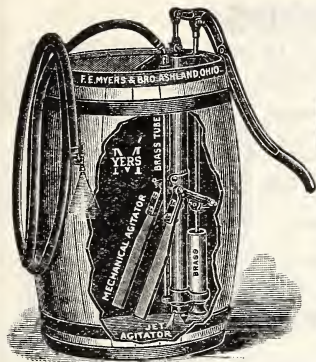
## THE RAIN KING.

For circular spraying. Durable and substantial. Price, \$3.50; by mail, \$3.75.



Price, 20c; by mail, 25c.





Myers Barrel Spray Pump.



Bucket Spray.



Feeney Dust Gun.



**BUG DEATH DUSTER.**  
Price, 50c. By mail, 60c.



**RAT CORN** kills rats and mice. Harmless to live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.

**RAT BIS-KIT PASTE.**  
Large tube, 25c. (Not mailable.)

## MYERS BARREL SPRAY PUMP.

The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is, we believe, the best on the market.

Price, complete with 15 feet of hose. Bordeaux nozzle and Mechanical Agitator, but not including barrel, \$15.00.

## LITTLE GIANT BUCKET PUMP.

Made of brass with ball valves. Price, Complete with hose and Combination Bordeaux nozzle, \$5.00; by mail, \$5.25.

## HUDSON PERFECTION SPRAYER.

For general high pressure purposes the Hudson Perfection is the very best. Easily operated and very satisfactory for spraying, disinfecting or whitewashing. Capacity, 4 gallons. Price, galvanized, \$7.00; brass, \$10.00.

## JUNIOR HUDSON SPRAYER.

Similar to the Hudson Perfection but smaller. Capacity, 2½ gallons. Price, galvanized, \$5.40; brass, \$8.00.

## FEENEY DUST GUN.

For applying Bug Death, Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves. Price, \$1.00; by mail, \$1.10.

## SULPHO TOBACCO SOAP.

For spraying plants, shrubs, trees, vines. 3-oz. cake, makes 1½ gallons, 10c; by mail, 15c; 8-oz. cake, 20c; by mail, 25c.

## LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap) \$1.00, postpaid. Extra Bulbs, 40c each.

## SUNOCO SPRAY OIL.

For San Jose scale, Elm and Maple scale and all other scales on fruit and shade trees. Also effective for aphids and mites. More efficient than lime sulphur. Prices: 1 gal., \$1.25; 5 gals. \$5.00; 50 gals., 55c per gal. (Containers free.)

## DERRISOL.

A non-poisonous, odorless insecticide. Kills cabbage worms, plant lice, leaf hoppers, thrips, etc.

1 oz. size (makes 6 gals.) 35c; by mail, 40c.  
½ lb. size (makes 50 gals.), \$1.25; by mail, \$1.30.  
1 lb. size (makes 100 gals.), \$2.25; by mail, \$2.35.  
2 lb. size (makes 200 gals.), \$3.25; by mail, \$3.40.  
10 lb. size (makes 1,000 gals.), \$12.00; by mail, \$12.30.

## MOTH LIQUID SPRAYER.

A finely finished sprayer for use in the house. Price, reduced from \$1.00 to 75c; by mail, 85c.

## SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows, Porches and Inside Use.

Made of the best galvanized steel, enameled finish. The water reservoir in the bottom of the box filled from a tube in one corner keeps plants healthy and fresh by absorbing from below the exact amount of water needed.

Model A, 8x9½x23 inches.....\$3.00  
Model B, 8x9½x29 inches.....4.00  
Model C, 8x9½x35 inches.....4.50  
Model D, 8x9½x41 inches.....5.00  
Model B Fernery, 30½x29½x29 inches 10.00

## ARMSTRONG STANDARD SPRAY PUMP.

Ideal for spraying insecticides, for whitewashing, for spraying disinfectants, for fire protection, for washing windows, for washing autos.

By different arrangements of the several nozzles regularly supplied, sprays of varying fineness are produced.

Price, with 3½-foot Hose and Nozzles, \$5.00. By mail, \$5.25.

Knapsack, for Potato Spraying, \$3.50.

Potato Extension Attachment, 85c.



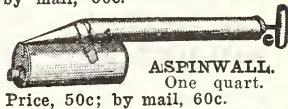
Armstrong Standard Pump with Knapsack and Short Extension Attachments.



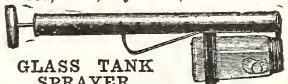
Lenox Sprayer.



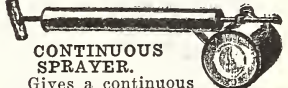
**ACME SPRAYER.**  
Holds one quart. Price, 50c; by mail, 60c.



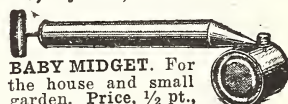
**ASPINWALL.**  
One quart. Price, 50c; by mail, 60c.



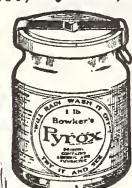
**GLASS TANK SPRAYER.**  
Price, 65c. (Not mailable.)



**CONTINUOUS SPRAYER.**  
Gives a continuous spray on both in and out stroke. Price, 80c; by mail, 90c.



**BABY MIDGET.** For the house and small garden. Price, ½ pt., 35c; by mail, 45c.



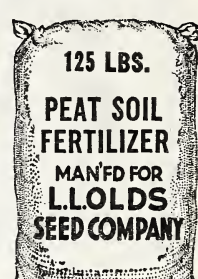
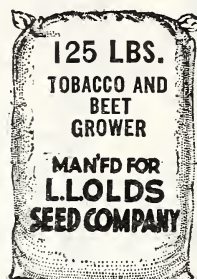
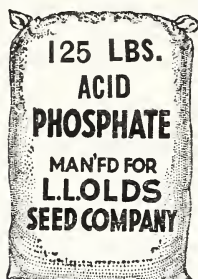
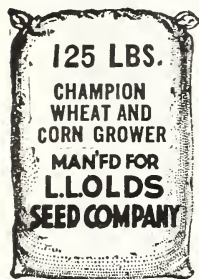
**PYROX.** A powerful fungicide. Used for spraying potatoes, fruit trees, small fruits and garden crops.

Lb. 50c; 5 lbs., \$1.90; 10 lbs., \$3.25; 25 lbs., \$6.75; 50 lbs., \$11.50; 100 lbs., \$16.00. (Not mailable.)



# FERTILIZERS AND PLANT FOODS

Our Commercial Fertilizers are the celebrated "Red Steer Fertilizers," manufactured for us by Swift and Company. You can greatly increase the yield and the quality of your crops by using fertilizers. Reduce your crop cost. Shipments of fertilizers into Wisconsin last year increased 45 per cent over the preceding year. Fertilizers pay.



**CHAMPION WHEAT AND CORN GROWER.** (2-12-2) A high grade complete fertilizer for corn and all grain crops, especially where the soil is thin. We sell more of this than of any other brand. Farmers are learning that it pays well to use it for their corn crop. 125 lbs., \$2.65; 1,000 lbs., \$18.00; 2,000 lbs., \$34.75.

**TRUCK GARDENERS' SPECIAL.** (4-8-6) A highly concentrated fertilizer for potatoes, truck and garden crops. Strong in nitrogen and potash. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 25 lbs. \$1.00; 125 lbs., \$3.25; 1,000 lbs., \$21.75; 2,000 lbs., \$42.40.

**SUPER PHOSPHATE.** (0-20-0) For use in supplementing farm manure. Use 50 lbs. to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$2.25; 1,000 lbs., \$16.25; 2,000 lbs., \$31.65.

**TOBACCO AND BEET GROWER.** (2-12-6) Specially recommended for tobacco and for sugar beets. Also fine for potatoes. Strong in phosphoric acid and in potash. This fertilizer is really more economical for corn than 2-12-2. It costs more but it gives greater results. 125 lbs., \$3.00; 1,000 lbs., \$20.50; 2,000 lbs., \$39.85.

**PEAT SOIL FERTILIZER.** (0-12-12) For marsh lands. 125 lbs., \$3.00; 1,000 lbs., \$20.75; 2,000 lbs., \$40.50.

**BONE MEAL.** (1-29-0) For roses, shrubbery and flowers. Also fine for lawns. Use 3 to 5 pounds per 100 square feet or for plants one pound to 50 pounds of soil. 25 lbs., \$1.00; 125 lbs., \$3.25; 1,000 lbs., \$23.00.

**ARCADIAN SULPHATE OF AMMONIA.** (20-0-0). A wonderful fertilizer for lawns and gardens. Guaranteed 20 per cent ammonia, highly concentrated, quick acting. 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00; 200 lbs., \$9.50; 1,000 lbs., \$42.00; 2,000 lbs., \$81.50. (In 200 lb. sacks.)

**NITRATE OF SODA.** (18-0-0) Very valuable for fruit trees, tobacco plants and nearly all plants in fact, especially to supplement other manures. 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$4.75; 200 lbs., \$9.00; 1,000 lbs., \$40.00; 2,000 lbs., \$78.50. (In 200 pound sacks.)

(Our Fertilizers, except Sulphate of Ammonia and Nitrate of Soda, are put up in 125 pound sacks. The analysis figures refer to the percentage of each brand—first, nitrogen, second, available phosphoric acid, third, potash. Prices are subject to change. Write for prices when ready to buy as at the time our catalog goes to press prices are not established. We are using here prices of last year.)

**BULLETINS, Free on Application.** "Fertilizing Corn," "Fertilizing Potatoes," "Fertilizing Alfalfa," "Fertilizing Crops on Peat Soil," "How to Get the Most Out of Fertilizers," "How to Apply Fertilizers."

## PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Very rich in nitrogen, phosphoric acid and potash, the three essentials. No straw or other refuse as in crude manure. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick and most satisfactory.

Prices: 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.50; 1,000 lbs., \$18.50; 2,000 lbs., \$36.00. (Prices do not include postage.)

## SUPERIOR LIMESTONE.

For Lawns and Gardens. Superior Limestone helps greatly in securing a rich, dark green, velvety lawn and equally valuable for gardens.

Use 100 pounds for every 600 square feet of lawn or garden. 25 lbs., 35c; 100 lb. sack, \$1.00; 500 lbs., \$4.25.

## AGRICULTURAL LIMESTONE.

100 lb. sack, 60c; 1,000 lbs., \$4.50; 2,000 lbs., \$8.00. Sacks free. 10c each allowed for empty sacks returned.

30 to 50 Ton Cars, in bulk, delivered prices on application.



## P. N. P. FERN FOOD.

A highly concentrated product containing all the elements essential in growing beautiful ferns. Will revive any fern that is failing. 1 oz. size, 10c; 4 oz. size, 25c, postpaid.

(Wisconsin customers order Stim-U-Plant or Watch-Em-Grow as Fern Food is not licensed in Wisconsin.)



## VIGORO

*Specially prepared plant food*

### ENJOY BETTER LAWNS, FLOWERS, AND GARDENS BY USING VIGORO

There is no secret in having a velvety lawn, colorful flowers, crisp, succulent vegetables, luxuriant shrubbery and stately trees.

You can enjoy these beauties of nature if you use good seed, plants, bulbs and the right plantfood. The right plantfood is important because plants must be fed the same as human beings.

VIGORO provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed or applied with an ordinary kitchen colander. Effective because it contains all of the elements of plantfood required to produce early, vigorous growth and bring fruit, flowers, and foliage to full development. Complete directions in every bag.

Prices: 5-lb. pkg., 50c; 25-lb. bag, \$1.75; 50-lb. bag, \$3.00; 100 lbs., \$5.00. (Prices do not include postage.)



**CLEAN. ODORLESS. EASY TO APPLY.**

## STIM-U-PLANT.

An All-The-Year Fertilizer for Garden and House Plants.

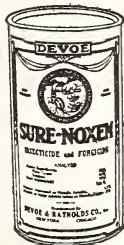
Simply insert tablet in soil near base of plant.

Postpaid prices: 10 tablets, 15c; 30 tablets, 25c; 100 tablets 75c, 1,000, \$3.50.





# INSECTICIDES AND PLANT FOODS



**ARSENATE OF LEAD POWDERED.** For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green. Prices: 1/2 lb., 25c; 1 lb., 45c; 4 lbs., \$1.15; 24 lbs., \$5.50; 96 lbs., \$20.00.

**DRY CALCIUM ARSENATE.** Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and is still more effective. Sticks to the leaves. One application lasts a long time. Prices: 1/2 lb., 20c; 1 lb., 35c; 4 lbs., 90c; 24 lbs., \$4.50; 96 lbs., \$16.00.

**DRY BORDEAUX MIXTURE.** The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed. Prices: 1/2 lb., 25c; 1 lb., 45c; 4 lbs., \$1.10; 10 lbs., \$2.45; 25 lbs., \$5.50; 50 lbs., \$9.50; 100 lbs., \$19.00.

**"SURE NOXEM."** For use on potatoes, cabbage, cauliflower, cucumbers, melons, tomatoes, currants, gooseberries and all other vegetables and shrubs. Kills insects of all kinds. Pound carton (sifter top) 25c; 5 lb. bag, 75c.

**DRY LIME SULPHUR.** For San Jose scale and common spray. Just as effective as the lime sulphur solution and more easily handled. 1 lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$4.50; 50 lbs., \$8.25; 100 lbs., \$15.00.

**PURE PARIS GREEN.** 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c; 2 lbs., 95c; 5 lbs., \$2.35; 14 lb. pails at 35c per lb.

**ALL ROUND SPRAY.** A combination, "one shot," spray. Contains Nicotine Sulphate, for sucking insects, Arsenate of Lead, for chewing insects and Bordeaux Mixture, for fungous diseases. 1/4 lb. size, 40c; 1 lb., 90c.

**FORMALDEHYDE.** For preventing smut in grain, scab on potatoes, etc. Ask for leaflets telling how to use. Price, pound size, 40c. One pound will treat 40 bushels.

**NOTICE.** All of the above are poisons and are not mailable. Ask for special prices in large quantity.



\$25.00. (Add for postage in larger than pound sizes.)

## PLANT FOODS

### FEEDEM.

Feedem is a well balanced plant food (fertilizer) for potted plants, sweet peas, roses, begonias, cut flowers, shrubs, lawns, gardens,—in fact all plant life.

4 oz. size, 30c; 8 oz. size, 50c; postpaid.

### WATCH-EM-GROW PLANT FOOD.

Are your house plants as nice and healthy as you wish them to be? If not, it may be because you are not feeding them "Watch-em-Grow" Plant Food. Contains just the right balance to feed and not stimulate them. Odorless, soluble, highly concentrated, quick-acting.

Large trial package, 10c, postpaid.

Return empty package for 10c credit on large can. Big eight ounce can only 50c, postpaid.

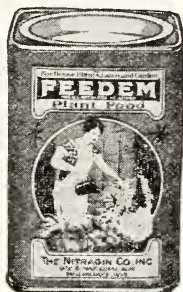
### OYAMA PLANT FOOD.

A Wonderful Japanese Discovery.

Fine for all kinds of plants, ferns, shrubs, roses, bulbs, lawns, and flowers.

Prices: House Plant Size, (makes 6 gallons), 25c; by mail, 30c; Garden Size, (makes 32 gallons), \$1.00; by mail, \$1.10.

(Note—Oyama is not licensed for sale in Wisconsin. Wisconsin customers order Watch-Em-Grow or Feedem.)



### BUG DEATH.

Does not burn the leaves. Kills bugs and worms and prevents blight.

Prices: 1 lb. carton with sifter top, 25c; by mail, 35c; 3 lbs., 55c; by mail, 70c; 5 lbs., 75c; by mail, \$1.00; 12 1/2 lbs., \$1.60; 100 lbs., \$9.00.

### CROW-TOX.

Crow-Tox is a new product for the protection of seed corn against crows. Also effective against gophers, blackbirds and all other animal and bird pests.

It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs only 15 to 20 cents per acre. Money refunded if not satisfactory.

Small can, treats one bushel, \$1.00; by mail, \$1.10. Large can, treats two bushels, \$1.50; by mail, \$1.60.



**"Black Leaf 40"** Kills Aphids  
40% NICOTINE

**BLACK LEAF 40.** A powerful and effective liquid insecticide, for use against aphids, thrips and leafhoppers.

Prices: 1 oz., 35c; 1/2 lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85. Not mailable.

**BLACK LEAF NICOTINE DUST.** For dusting for aphids on melons, cucumbers. 5 lbs., \$1.50; 25 lbs., \$5.00; 100 lbs., \$16.00.

M-G-K  
**EVERGREEN**  
NON-POISONOUS INSECTICIDE

A new, non-poisonous insecticide. Effective against cabbage worms, cucumber and melon beetles, aphids, leaf hoppers, currant worms and most other insects, both chewing and sucking.

Does not injure the most delicate plants and retains its strength indefinitely. Absolutely harmless to man and beast. Easily applied with any sprayer. Simply mix with water.

Prices: 1 1/2 oz. size (makes 9 gals. spray), 35c; by mail, 40c.

6 oz. size, \$1.00; by mail, \$1.05.  
16 oz. size, \$2.00; by mail, \$2.10.  
32 oz. size, \$3.85; by mail, \$4.00.





# POULTRY FEEDS, SHELLS, GRIT

## OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, sunflower, barley and buckwheat. No grit. Fully analyzed and licensed. Made by us right here at Madison.  
Prices: 10-lb. sack, 30c; 100-lb. sack, \$2.50; 3 sacks at \$2.40.

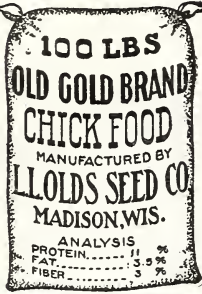
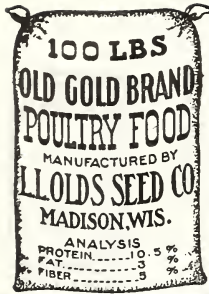
## OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food also made by us, suitable for chicks from 4 to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc., but without grit.

Prices: 10-lb. sack, 35c; 100-lb. sack, \$2.85; 3 sacks at \$2.75.  
(Prices on poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

## ALFALFA MEAL.

For mashes and mixing with other feeds.  
No. 1 Medium: 10 lbs., 25c; 100-lb. sack, \$2.10; 3 sacks at \$2.00.  
No. 1 Fine: 10 lbs., 25c; 100 lb. sack, \$2.25; 3 sacks at \$2.15.



## MAKE YOUR HENS LAY MORE EGGS



### PEARL GRIT.

Pearl Grit is almost pure calcium and this is what the hen needs to do her best work in turning out eggs.

Also fine for baby chicks. Prof. J. G. Halpin says "The first thing to feed chicks is grit."

Prices: either chick size or poultry size: 10-lb. carton, 25c; 100-lb. sack, 90c; 3 sacks at 85c.

## FOS-FOR-US

### POULTRY MINERALS.

Makes hard-shelled eggs and big-boned chicks. Takes the place of bonemeal, oyster shells and ordinary grit. Analysis, 70% Carbonate of Lime, 22% Tri-Calcium Phosphate.

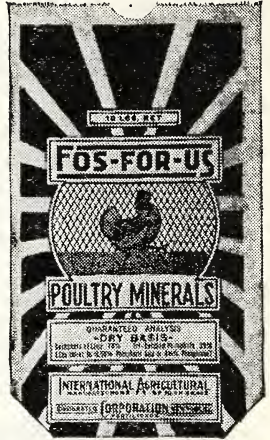


Prices: Poultry or chick size, 10 lbs., 25c; 100 lb. sack, \$1.50; 3 sacks at \$1.45.  
Meal: 10 lbs., 25c; 100 lb. sack, \$1.75; 3 sacks at \$1.70.  
(Ask for 10 page folder.)

### REEF BRAND OYSTER SHELLS.

Cost more but worth it. Cleaner and better than any other shells. Best obtainable. 100-lb. sack, \$1.10; 3 sacks at \$1.05.

CLAM SHELLS: 100-lb. sack, 95c; 3 sacks at 90c.  
SUPERIOR LIME GRIT. 100-lb. sack, 65c; 3 sacks at 60c.



### POULTRY GRAINS.

(Prices subject to change. Write for Weekly Price List.) Per 100 lbs.  
Feed Wheat ..... \$2.75  
Cracked Wheat ..... 2.90  
Cracked Corn, coarse ..... 2.30  
Cracked Corn, fine ..... 2.40  
Sunflower ..... 7.00  
Feed Millet ..... 2.70  
Steel Cut Oat Meal ..... 4.00  
Meat Meal (tankage) ..... 4.50

### CONKEY'S Y-O.

Cod Liver Oil and Yeast are two essential ingredients in poultry rations. Conkey's Y-O furnishes these two items in economical form.

Prices: 1 lb., 55c; by mail, 65c; 2 lbs., \$1.00; by mail, \$1.15; 5 lbs., \$2.00; 25 lbs., \$7.50.

### DON SUNG.



(Chinese for Egg Laying). Makes Hens Lay. Acts directly on the egg-laying organs.

Small Size (enough for 15 hens on a month), 50c, postpaid; Dollar Size (3 times 50 cent size), \$1.00; Large Size, \$5.00, postpaid.

### SWIFT'S BONE MEAL.

Largely used for small chicks.  
Prices: 25 lbs., \$1.15; 50 lbs., \$2.10; 100 lbs., \$4.00.

### GRANULATED CHARCOAL.

50-lb. sack (two sizes, poultry and chick), \$1.35; 100 lbs., \$2.60.

### "GOLD LEAF" TOBACCO POWDER.

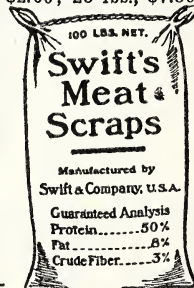
Controls round worms in poultry. 2 lbs., 25c; by mail, 35c; 10 lbs., 85c; 100 lbs., \$6.50.

### CONKEY'S BUTTERMILK GROWING MASH.

For develop ing pullets and broilers. It is not enough to start a chick right — it is equally essential to help it to maturity. Buttermilk Growing Mash is the ideal feed after the eighth week.

Follow Conkey's Starting Feed with this.

Prices: 10 lbs., 55c; 25 lbs., \$1.20; 100 lbs., \$4.15.



### SWIFT'S MEAT SCRAPS.

Great for eggs. Feed 3 times a week, one ounce to each fowl.

Prices: 10 lbs., 65c; 25 lbs., \$1.40; 50 lbs., \$2.65; 100-lb. sack, \$5.00.



### CONKEY'S BUTTERMILK STARTING FEED.

Gives the chicks buttermilk in concentrated form, with a combination of grains. It is all the chicks need the first 3 weeks except greens, grit, clean water and Old Gold Chick Food in the litter to induce exercise. 3 1/2

lbs. Y.-O. in each 100-lb. sack.  
Prices: 10 lbs., 75c; 25 lbs., \$1.45; 100 lbs., \$4.90. (Postage extra.)

### BLATCHFORD'S CALF MEAL.

Saves Milk—Saves Money.—Makes Better Calves  
A genuine Milk Substitute, containing all the necessary elements for rapid growth of the calf. Prices: 25 lbs., \$1.45; 50 lbs., \$2.65; 100 lbs., \$5.00; 300 lbs. at \$4.90.



"Good to the last drop"

### BLATCHFORD'S "FILL THE BASKET" EGG MASH.

A record-making dry mash for laying hens. Contains a perfectly balanced ration of milk, meat, grains.

Prices: 25 lbs., \$1.15; 100 lbs., \$3.85; 300 lbs. at \$3.75.



TRADE-MARK

### BLATCHFORD'S CHICK MASH.

Sixteen essential ingredients in this high-grade growing mash. Makes rapid growth, shields chicks from White Diarrhea.

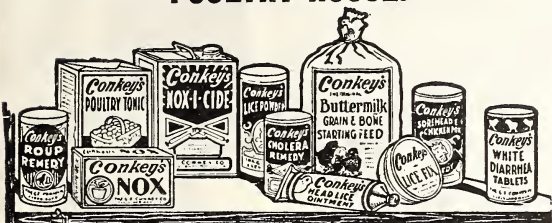
Prices: 4 lbs., 40c; 25 lbs., \$1.35; 100 lbs., \$4.75; 300 lbs. at \$4.65.



2 1/2 lbs. at 8 weeks!



## A "CONKEY CORNER" FOR YOUR POULTRY HOUSE.



Keep an assortment of these old, dependable remedies on hand for emergencies.

Conkey's Roup Remedy—The old standby. 25c, 50c, and \$1.00; 30c, 55c and \$1.10, postpaid.

Roup Pills. For individual treatment. 25c, postpaid.

Canker Special. Relieves instantly. 50c; 55c, postpaid.

Sulphur Candles. 15c, postpaid.

Limber Neck Remedy. 50c; postpaid, 55c.

Scaly Leg Remedy. 25c; 30c, postpaid.

White Diarrhea Remedy. A reliable preparation. Use in the drinking water. 25c and 50c; 30c and 55c, postpaid.

Head Lice Ointment. 10c, 25c; 15c, 30c, postpaid.

Poultry Worm Remedy. 50c; 60c, postpaid.

Cholera Remedy. 25c and 50c; 30c and 55c, postpaid.

Gape Remedy. 25c and 50c; 30c and 55c, postpaid.

Mite Liquid. Qt., 60c; 2 qts., 90c; 1 gal., \$1.50.

Poultry Tonic. 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 70c; 12 lbs., \$1.60; 25 lbs., \$3.00.

Lice Powder. 5 ozs., 20c; by mail, 25c; 15 ozs., 35c; by mail, 40c; 48 ozs., 75c; by mail, 95c.

Noxicide. A wonderful disinfectant and germicide. Pt., 50c; qt., 80c; 2 qts., \$1.30; gallon, \$2.00.

Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal., \$1.50; 5 gals., \$7.25. Not mailable.

FREE, with orders for \$1.00, Conkey Poultry Book.

## PRATT'S REMEDIES



### PRATT'S POULTRY REGULATOR.

Pkgs., 25c and 50c; 35c and 65c, postpaid; 9 lbs., \$1.10; 12-lb. pkg., \$1.40; 12-lb. pail, \$1.65; 25-lb. pail, \$3.00; 100-lb. drum, \$10.00.

Pratt's Roup Powder, 25c and 50c, postpaid.

Pratt's Roup Tablets, 25c and 50c postpaid.

White Diarrhoea Remedy, 25c and 50c, postpaid.

Poultry and Stock Disinfectant. Kills germs. Pint, 40c.

qt., 55c; 2 qts., 90c; gal., \$1.50. Not mailable.

Red Mite Special. Qt., 50c; 2 qts., 90c; gal., \$1.50.

Powdered Lice Killer. 5 ozs., 12c; by mail 17c; lb., 25c; by mail, 30c; 2½ lbs., 50c; by mail, 60c.

Pratt's Poultry Worm Powder. 50c and \$1.00; by mail, 60c and \$1.15.

Pratt's Special Remedy. For indigestion, sour crop and dysentery, 25c, postpaid.

Pratt's Fly Chaser. Gal., \$1.30; 5 gals., \$5.60.

Ask for "Pratt's Practical Pointers on Poultry."

### CARBOLINEUM.

For preserving wood, killing mites and fighting flies. A very valuable article. Gal., \$1.50; 5 gals., \$6.50.

GRIT AND SHELL BOX. For grit, shells and charcoal. Steel, 3 compartments.

Chick size, 90c; poultry size, \$1.20.

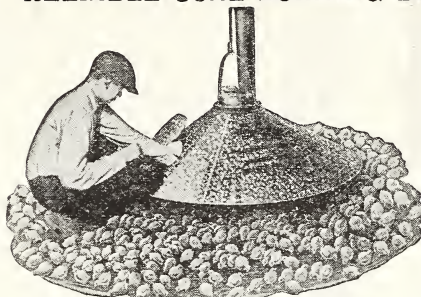
### BLACK LEAF 40.

See page 93. It has been discovered recently that Black Leaf 40 is wonderfully effective against poultry lice. Simply paint the roosts. One ounce will treat 12 to 15 running feet of roost.

Prices: 1 oz., 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85. Not mailable.



## RELIABLE COAL BURNING BROODERS.



Will burn coal or coke and can be used in any kind of building or room in any kind of weather. Has all the latest improvement's including Automatic Regulator, which insures a steady heat and saves fuel. Fully guaranteed.

No. 9—42 inch canopy, 500 chicks.....	\$14.75
No. 10—52 inch canopy, 1000 chicks.....	18.50
No. 11—60 inch canopy, 1200 chicks.....	22.50

## RELIABLE INCUBATORS AT REDUCED PRICES.

We have a few Incubators in stock and offer them while they last at Bargain Prices as follows:

No. 49—100 Egg, Hot Air Standard.....	\$13.50
No. 50—100 Egg, Hot Water Standard.....	16.80
No. 51—140 Egg, Hot Air Standard.....	18.60
No. 52—140 Egg, Hot Water Standard.....	22.70
No. 81—70 Egg, Hot Air Junior.....	9.30
No. 83—125 Egg, Hot Air Junior.....	14.10
No. 84—125 Egg, Hot Water Junior.....	16.80

## GANTTER WATER FOUNTAIN.

A new style 12 hole Baby Chick Water Fountain, made to fit any one or two-quart jar. The chicks cannot get into it. Galvanized iron. Without jar, 35c; by mail, 45c.

## GANTTER BUTTERMILK FEEDER.

Same as the Gantter Water Fountain except made of charcoal tin instead of galvanized iron. Buttermilk flows freely. No clogging. Without jar, 35c; by mail, 45c.



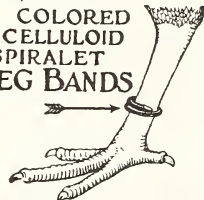
Gantter Fountain.

## SPIRALET LEG BANDS.

(Celluloid). Colors, light blue, dark blue, red, pink, yellow, black, amber, green and white. Mention the colors preferred. Three sizes: Asiatic, American, Leghorn: 25, 30c; 100, 85c, postpaid.

(Spirals also for pigeons and for bantams at the same price.)

## COLORED CELLULOID SPIRALET LEG BANDS



## SPIRALET NUMBER CLIPS.

Aluminum with large embossed figures. Easily and quickly put on the spiralets. Will stay on. Two sizes. Prices, either size, 12, 20c; 25, 35c; 100, \$1.00, postpaid.



## BANDETTE'S.

A new style of celluloid leg band numbered consecutively. 5 colors—blue, red, yellow, green and pink. 3 sizes—Asiatic, American, Leghorn. Box of 25, 65c; 4 boxes, \$2.00, postpaid. (Name size and color wanted.)

Double Clinch Leg Bands: 12 for 18c; 25 for 30c; 100, 80c, postpaid.

Smith Sealed Leg Bands: 12 for 35c; 25, 60c; 100, \$1.75.

PETTEY POULTRY PUNCH. 30c, postpaid.



## AUTOMATIC CHICK GREASER.

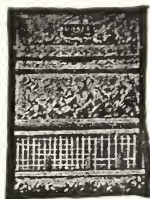
Every chick his own doctor. As he eats his head is thoroughly greased. Price, \$1.50; by mail, \$1.65.



## SELF-LOCKING EGG CARTONS.

12, 25c; by mail, 30c; 100, \$1.75; 1,000, \$15.00.



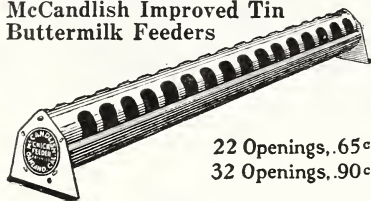


**IMPROVED HANDY HOPPER.**  
Hinged lid keeps out rats and mice. Has swinging front adjustable to suit any kind of dry mash.

No. 12. Length 12 inches, \$1.75  
No. 13. Length 18 inches, 2.25  
No. 14. Length 24 inches, 2.75  
No. 15. Length 36 inches, 3.90

**AUTOMATIC CHICK FOUNTAIN.**  
Made to fit fruit jar. Pan style. Price, 15c; by mail, 20c.

**McCandlish Improved Tin Buttermilk Feeders**



22 Openings, 65c  
32 Openings, 90c

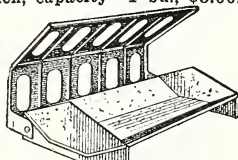
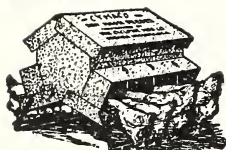
**Handy Hopper, McCandlish BUTTERMILK FEEDER.**

Most satisfactory for feeding buttermilk without waste. 22 openings, 20 inches long, 65c; by mail, 75c. 32 openings, 30 inches long, 90c; by mail, \$1.00. (We can furnish both sizes with revolving rod instead of hood at same prices. Mention the style preferred.)



**McCandlish CHICK FEEDER.** Also used for drinking. Made of galvanized iron. The revolving top rod prevents perching. 12 in., 45c; by mail, 55c; 20 in., 50c; by mail, 60c; 30 in., 70c; by mail, 80c.

**GYMACO DRY MASH FEEDER.** For all kinds of dry feed. Made of steel. 12 inch, capacity 1/2 bu., \$2.00  
24 inch, capacity 1 bu., \$3.00.



**Dry Mash Feeder. GYMACO CHICK TROUGH.** Galvanized metal. 10 inch, 25c; by mail, 35c. 20 inch, 35c; by mail, 45c.  
**NORWICH AUTOMATIC AIR-LOCK FOUNTAIN.** A famous year-round fountain. Price, \$5.50.  
**COLUMBUS FREEZELESS FOUNTAIN.** A new style. 2 gal. size, \$3.50; 3 gal. size, \$4.00; 5 gal. size, \$5.00.

## UTILITY POULTRY FEEDER.

The last word in poultry feeders. For all kinds of feed. Frame 42x30, feeder 42 inches high. Holds 100 pounds of mash. Total feeding space of 9 feet. Substantially made, well finished. Price, \$6.50.

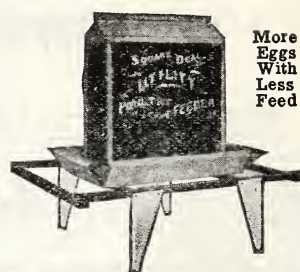
## LAWN PARK COOP.

A handsome parking coop that will telescope. Made of galvanized metal.

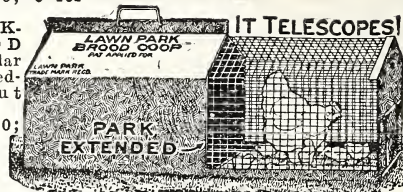
Price, \$4.00; 6 for \$21.00.

**NON-PARK-ING BROOD COOP.** Similar to the preceding without park.

Price, \$1.50; 6 for \$7.50.



More Eggs With Less Feed



## ALL SEASONS FOUNTAIN.

Keeps water warm in winter and cool in summer. Non-freezing. No fire. No lamps. No danger. No trouble. No upkeep. Double walls. Absolutely sanitary. Guaranteed.

2 gal. size, \$3.50; 3 gal. size, \$4.00; 5 gal. size, \$5.00.



## PARCEL POST EGG CARRIERS.

Safe delivery by parcel post assured. 1 dozen size, 35c; by mail, 45c; 12 for \$3.15.  
**TRAP NESTS.** Single, front only, 35c each.  
**IMPROVED DROP BOTTOM POUNT.** 2 qt. size, \$1.00; 1 gal. size, \$1.25; 2 gal. size, \$1.65.

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PEAS

CORN

PEAS

BEANS

BEET

RADISH

BEET

CABBAGE

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### 30Pkts. Wisconsin Standards

Worth \$3<sup>00</sup>; Price \$1<sup>00</sup>, Postpaid

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